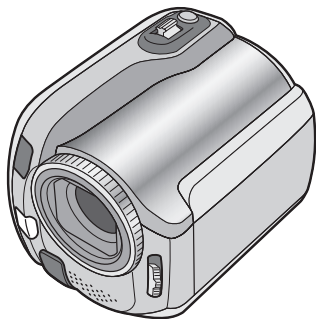# JVC

LYT1673-001B

EN

INSTRUCTIONS

HARD DISK CAMCORDER

GZ-MG275E/EK
GZ-MG255E/EK
GZ-MG155E/EK
GZ-MG135E/EK
GZ-MG130E/EK

Dear Customer

Thank you for purchasing
this hard disk camera. Before
use, please read the safety
information and precautions
contained in pages 2 and 3 to
ensure safe use of this product.

The camera illustrations appearing in this
instruction manual are of the GZ-MG135.

MASCOT CAPSULE   S�   DOLBY DIGITAL STEREO CREATOR

Safety Precautions

Blue to N (Neutral) or Black

Brown to L (Live) or Red

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTIONS:

● To prevent shock, do not open the cabinet. No user serviceable parts inside. Refer servicing to qualified personnel.
● When you are not using the AC adapter for a long period of time, it is recommended that you disconnect the power cord from AC outlet.

NOTES:

● The rating plate and safety caution are on the bottom and/or the back of the main unit.
● The serial number plate is on the battery pack mount.
● The rating information and safety caution of the AC adapter are on its upper and lower sides.

WARNING:

Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

CAUTION:

The mains plug shall remain readily operable.

Caution on Replaceable lithium battery
The battery used in this device may present a fire or chemical burn hazard if mistreated.
Do not recharge, disassemble, heat above 100°C or incinerate.
Replace battery with Panasonic (Matsushita Electric), Sanyo, Sony or Maxell CR2025.
Danger of explosion or Risk of fire if the battery is incorrectly replaced.
● Dispose of used battery promptly.
● Keep away from children.
● Do not disassemble and do not dispose of in fire.

When the equipment is installed in a cabinet or on a shelf, make sure that it has sufficient space on all sides to allow for ventilation (10 cm or more on both sides, on top and at the rear).
Do not block the ventilation holes.
(If the ventilation holes are blocked by a newspaper, or cloth etc. the heat may not be able to get out.)
No naked flame sources, such as lighted candles, should be placed on the apparatus.
When discarding batteries, environmental problems must be considered and the local rules or laws governing the disposal of these batteries must be followed strictly.
The apparatus shall not be exposed to dripping or splashing.
Do not use this equipment in a bathroom or places with water.
Also do not place any containers filled with water or liquids (such as cosmetics or medicines, flower vases, potted plants, cups etc.) on top of this unit.
(If water or liquid is allowed to enter this equipment, fire or electric shock may be caused.)

Do not point the lens directly into the sun. This can cause eye injuries, as well as lead to the malfunctioning of internal circuitry. There is also a risk of fire or electric shock.

CAUTION!
The following notes concern possible physical damage to the camera and to the user.
Carrying or holding the camera by the LCD monitor can result in dropping the unit, or in a malfunction.
Do not use a tripod on unsteady or unlevel surfaces. It could tip over, causing serious damage to the camera.

CAUTION!
Connecting cables (Audio/Video, S-Video, etc.) to the camera and leaving it on top of the TV is not recommended, as tripping on the cables will cause the camera to fall, resulting in damage.

CAUTION:
To avoid electric shock or damage to the unit, first firmly insert the small end of the power cord into the AC Adapter until it is no longer wobbly, and then plug the larger end of the power cord into an AC outlet.

2
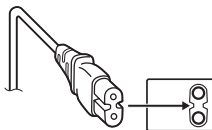
Information for Users on Disposal of Old Equipment

[European Union]
This symbol indicates that the electrical and electronic equipment should not be disposed as general household waste at its end-of-life. Instead, the product should be handed over to the applicable collection point for the recycling of electrical and electronic equipment for proper treatment, recovery and recycling in accordance with your national legislation.

Attention:
This symbol is only valid in the European Union.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of this product. For more information about collection point and recycling of this product, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.
Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.
(Business users)
If you wish to dispose of this product, please visit our web page www.jvc-europe.com to obtain information about the take-back of the product.
[Other Countries outside the European Union]
If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.

SOME DO'S AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.
DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.
DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
DO be careful with glass panels or doors on equipment.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way — switch off, withdraw the mains plug and consult your dealer.
DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of road safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.
DON'T use makeshift stands and NEVER fix legs with wood screws — to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.
DON'T allow electrical equipment to be exposed to rain or moisture.
ABOVE ALL
● NEVER let anyone especially children push anything into holes, slots or any other opening in the case — this could result in a fatal electrical shock;
● NEVER guess or take chances with electrical equipment of any kind — it is better to be safe than sorry!

Remember that this camera is intended for private consumer use only.
Any commercial use without proper permission is prohibited. (Even if you record an event such as a show, performance or exhibition for personal enjoyment, it is strongly recommended that you obtain permission beforehand.)

Trademarks
● Manufactured under license from Dolby Laboratories. Dolby and double-D symbol are trademarks of Dolby Laboratories.
● **MASCOT CAPSULE**
MascotCapsule is a registered trademark of HI CORPORATION in Japan.
Copyright © 2001 HI CORPORATION. All rights reserved.
● Other product and company names included in this instruction manual are trademarks and/or registered trademarks of their respective holders.

3

Read This First!

Make a backup of important recorded data

JVC will not be responsible for any lost data. It is recommended to copy your important recorded data to a DVD or other recording media for storage. (☞ pg. 40)

Make a trial recording

Before the actual recording of important data, make a trial recording and play back the recorded data to check that the video and sound have been recorded correctly.

Reset the camera if it does not operate correctly

This camera uses a microcomputer. Factors such as background noise and interference can prevent it from operating correctly. If the camera does not operate correctly, reset the camera. (☞ pg. 51)

Precautions on handling batteries

- Be sure to use the JVC BN-VF808U/VF815U/VF823U battery packs.
- If the camera is subjected to electrostatic discharge, turn the power off before using it again.

If a malfunction occurs, stop using the camera immediately and consult your local JVC dealer

- If a problem occurs when using the SD card, take the card together with the camera for repair. If one of them is not included, the cause of the malfunction cannot be diagnosed, and the camera cannot be repaired.
- Recorded data may be erased while the camera is being repaired or inspected. Back up all data before requesting repairs or inspections.

Because the camera may be used for demonstration in a shop, the demonstration mode is set to on by default

To deactivate the demonstration mode, set [DEMO MODE] to [OFF]. (☞ pg. 48)

This operating instruction is applicable to models GZ-MG275, GZ-MG255, GZ-MG155, GZ-MG135 and GZ-MG130

- Unless otherwise indicated, illustrations in this operating instructions are of GZ-MG135.
- Icons such as GZ-MG255 indicate that the feature is applicable to the specified model only.

GZ-MG275/255/155/135 When connecting the camera to other device using a DV cable, make sure to follow the procedure below. Connecting the cable incorrectly may cause malfunctions to the camera and/or other device.

- Connect the DV cable first to other device, and then to the camera.
- Connect the DV cable (plugs) correctly according to the shape of the DV connector.
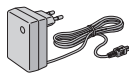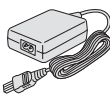
4

Contents

Accessories

or

GZ-MG275/255/155/135
Everio Dock
CU-VC3U (☞ below)

AC Adapter
AP-V17E/14E

Power Cord
(for AP-V14E only)
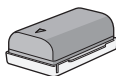
Battery Pack
BN-VF808U

Audio/Video Cable

USB Cable
(☞ pg. 38, 40 and PC
OPERATION GUIDE)

Shoulder Strap
(☞ pg. 7)

CD-ROM
(☞ PC OPERATION
GUIDE)

GZ-MG275/255/155/135
Remote Control Unit
RM-V750U (☞ pg. 7)

Lithium Battery
CR2025
Pre-installed in the
remote control unit.

Core Filter (☞ pg. 7)

NOTE

Make sure to use the provided cables for connections. Do not use any other cables.

GZ-MG275/255/155/135 How to Use the Everio Dock

You can connect cables to the connectors of the Everio dock. The connection is completed when you place the camera on the dock.

Camera Connection Terminal
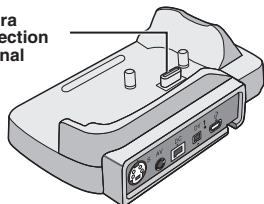
S Connector

AV Connector

DC Connector

DV Connector
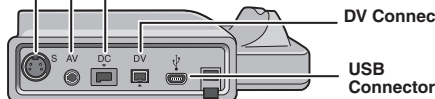
USB Connector

NOTE

For the connection using the S connector and DV Connector, an optional S-Video cable and DV cable are needed. To purchase these cables, consult the JVC Service Centre described on the sheet included in the package for details on its availability. Make sure to connect the end with a core filter to the camera. The core filter reduces interference.

● The S-Video cable (optional) enables even higher quality playback on TV. (☞ pg. 29) Be sure to use the YTU94146A S-Video cable.
● When dubbing files from the camera using a VCR/DVD recorder (☞ pg. 44), using the DV cable enables even higher quality dubbing. Be sure to use the VC-VDV204U DV cable. Operation using the DV cable is not guaranteed on all of the devices.

6

Attaching the Shoulder Strap

Peel off the pad and thread the end of the strap through the eyelet.

Thread the strap through the buckle, adjust its length, and use the strap guide to fix it in place.

Position the buckle near the eyelet and reattach the pad.

Buckle

Strap Guide

Eyelet
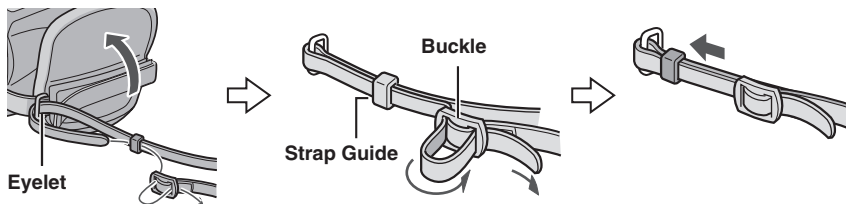
Attaching the Core Filter

Attach the core filter to the AC adapter's DC cord. The core filter reduces interference.

Release the stopper.

3 cm

Wind once.
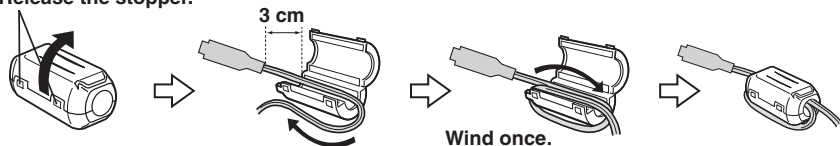
GZ-MG275/255/155/135 Preparing the Remote Control

A battery is included inside the remote control at the time of purchase.
Remove the insulation sheet before use.

Beam Effective Area

Remote Sensor

Effective distance: 5 m

To Reinsert the Battery

Pull out the battery holder by pressing the lock tab.

Lock Tab

Lithium Battery (CR2025)
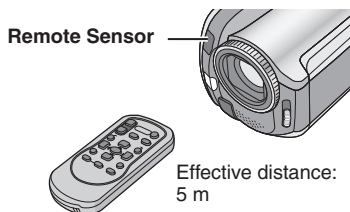
NOTE

The transmitted beam may not be effective or may cause incorrect operation when the remote sensor is directly exposed to sunlight or powerful lighting.

7
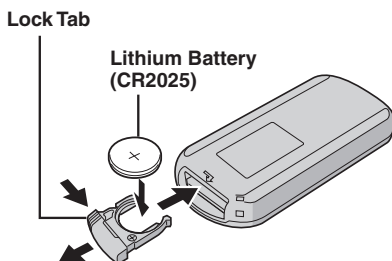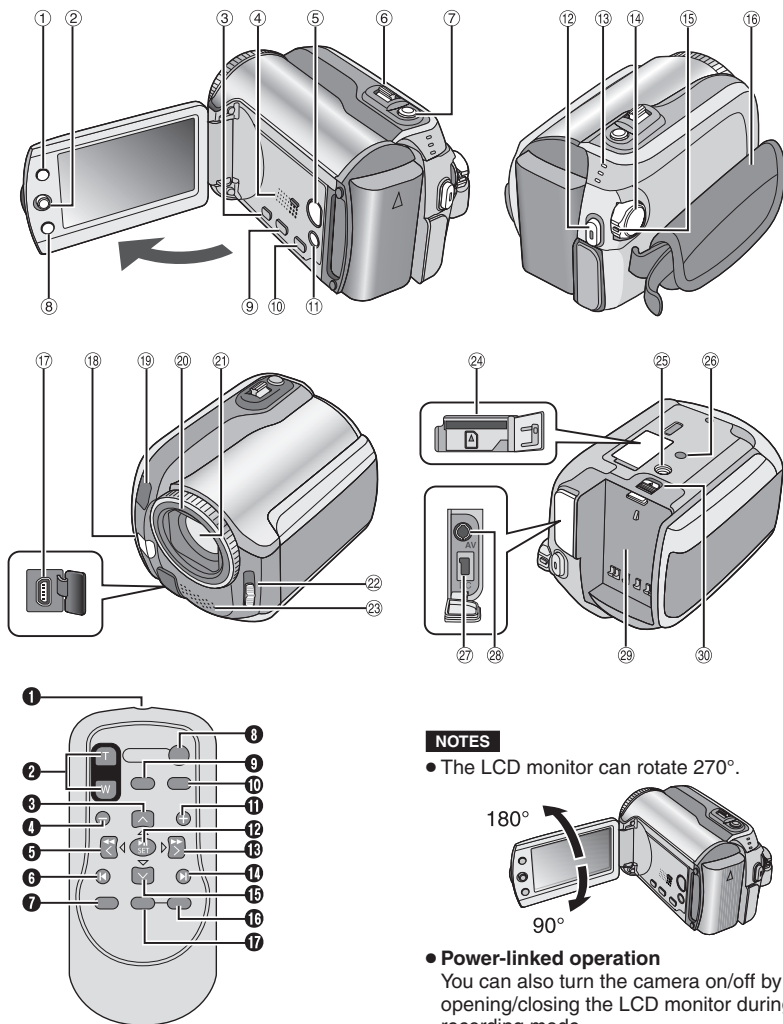
Index

● The LCD monitor can rotate 270°.

180°

90°
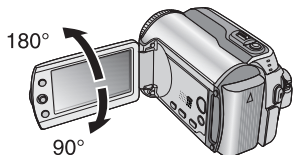
● **Power-linked operation**
  You can also turn the camera on/off by opening/closing the LCD monitor during the recording mode.
● Be careful not to cover ⑱, ⑲, ㉑ and ㉓ during shooting.

Camera

① Index Button [INDEX] (☞ pg. 26)/
Remaining Space Button/Data Battery
Button [⬚/▭] (☞ pg. 14, 19)
② Set Lever
Move to ∧ :
Reverse Skip (☞ pg. 24)/Up/Backlight
Compensation [▨] (☞ pg. 21)/Spot
Exposure Control [▣] (☞ pg. 21)
Move to ∨ :
Forward Skip (☞ pg. 24)/Down/
GZ-MG275/255 Change Flash Setting
[FLASH] (☞ pg. 18)/
GZ-MG155/135 Change LED Light Setting
[LIGHT] (☞ pg. 18)
Move to ‹ :
Reverse Search (☞ pg. 24)/Left/
Nightscope [NIGHT] (☞ pg. 21)
Move to › :
Forward Search (☞ pg. 24)/Right/
Program AE [PROGRAM AE] (☞ pg. 20)
Press down:
Play/Pause (☞ pg. 24)
③ Menu Button [MENU] (☞ pg. 46)
④ Speaker (☞ pg. 24)
⑤ Playback/Recording Mode Switching
Button [SELECT PLAY/REC] (☞ pg. 16)
⑥ Zoom Lever [W ▤ ,T ◔] (☞ pg. 18)
Speaker Volume Control [–VOL+]
(☞ pg. 24)
⑦ Still Image Shooting Button [SNAPSHOT]
(☞ pg. 17)
⑧ Function Button [FUNCTION] (☞ pg. 22)
⑨ Direct DVD Button [DIRECT DVD]
(☞ pg. 41 and PC OPERATION GUIDE)
⑩ Direct Backup Button [DIRECT BACK UP]
(☞ PC OPERATION GUIDE)/Event Button
[EVENT] (☞ pg. 19)
⑪ Auto/Manual Mode Button [AUTO]
(☞ pg. 20)/ Information Button [INFO]
(☞ pg. 32)
⑫ Video Recording Start/Stop Button [REC]
(☞ pg. 16)
⑬ Access/Charge Lamp [ACCESS/CHARGE]
(☞ pg. 12)
(Blinks when you access files or charge
the battery. Do not turn off the power or
remove the battery pack/AC adapter while
accessing files.)
Video/Still Image Mode Lamp [🎥, 📷]
(☞ pg. 16, 17)

⑭ Power/Mode Switch [OFF (CHARGE), ON,
MODE] (☞ pg. 12)
⑮ Lock Button (☞ pg. 12)
⑯ Grip Strap (☞ pg. 14)
⑰ USB (Universal Serial Bus) Connector
[⌁] (☞ pg. 38, 40 and PC OPERATION
GUIDE)
⑱ GZ-MG275/255 Flash (☞ pg. 18)/
GZ-MG155/135 LED Light (☞ pg. 18)
⑲ Camera Sensor
Remote Sensor (☞ pg. 7)
⑳ Lens Cover (☞ pg. 14)
㉑ Lens
㉒ Lens Cover Switch [⊖, ⊜] (☞ pg. 14)
㉓ Stereo Microphone
㉔ SD Card Slot (☞ pg. 15)
㉕ Tripod Mounting Socket (☞ pg. 14)
㉖ Stud Hole (☞ pg. 14)
㉗ DC Input Connector [DC] (☞ pg. 12)
㉘ Audio/Video Connector [AV]
㉙ Battery Pack Mount (☞ pg. 12)
㉚ Battery Release Button [BATT.] (☞ pg. 12)

GZ-MG275/255/155/135 Remote Control

❶ Infrared Beam Transmitting Window
❷ ZOOM (T/W) Buttons
Zoom In/Out (☞ pg. 18)
❸ Up Button
Rotate Button (counterclockwise)
(☞ pg. 25)
❹ Skip Backward Button
❺ Left Button
❻ Back Button
❼ PLAYLIST Button (☞ pg. 34)
❽ START/STOP Button
❾ SNAPSHOT Button (☞ pg. 17)
❿ INFO Button (☞ pg. 32)
⓫ Skip Forward Button
⓬ PLAY/PAUSE Button
⓭ Right Button
⓮ Next Button
⓯ Down Button
Rotate Button (clockwise) (☞ pg. 25)
⓰ INDEX Button
⓱ DATE Button

9

Indications on LCD Monitor

During both Video and Still Image Recording
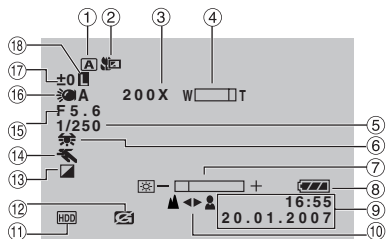
① Selected Operation Mode Indicator
   (☞ pg. 20)
   Ⓐ : Auto Mode
   Ⓜ : Manual Mode
② Tele Macro Mode Indicator (☞ pg. 23)
③ Approximate Zoom Ratio (☞ pg. 18)
④ Zoom Indicator (☞ pg. 18)
⑤ Shutter Speed (☞ pg. 23)
⑥ White Balance Indicator (☞ pg. 23)
⑦ Brightness Control Indicator (☞ pg. 48)
⑧ Battery Indicator (☞ pg. 54)
⑨ Date/Time (☞ pg. 13)
⑩ Manual Focus Adjustment Indicator
   (☞ pg. 22)
⑪ Selected Medium Indicator
   (☞ pg. 47, 48)
⑫ Drop Detection Indicator (Appears when
   [DROP DETECTION] is set to [OFF].)
   (☞ pg. 48)
⑬ Effect Mode Indicator (☞ pg. 23)
⑭ Program AE Mode Indicator (☞ pg. 20)/
   🌃A : Nightscope Indicator (☞ pg. 21)
⑮ GZ-MG275/255 Aperture Value (F-number)
   (☞ pg. 23)
⑯ GZ-MG155/135 LED Light Indicator (☞ pg. 18)
⑰ ± : Exposure Adjustment Indicator
   (☞ pg. 22)
   🔆 : Backlight Compensation Indicator
   (☞ pg. 21)
   🔳 : Spot Exposure Control Indicator
   (☞ pg. 21)
⑱ Iris Lock Indicator (☞ pg. 21)

During Video Recording Only
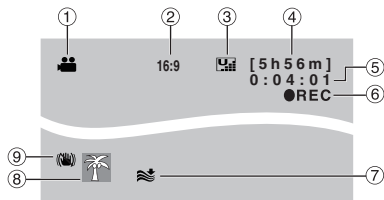
① Mode Indicator (☞ pg. 16)
② Aspect Ratio of the Image (16:9/4:3)
   (☞ pg. 47)
③ Picture Quality: 🔳 (ultra fine), 🔳 (fine), 🔳
   (normal), 🔳 (economy) (☞ pg. 46)
④ Remaining Time (☞ pg. 16, 57)
⑤ Counter (☞ pg. 47)
⑥ ●REC: (Appears during recording.)
   (☞ pg. 16)
   ●II: (Appears during record-standby
   mode.)
⑦ Wind Cut Indicator (☞ pg. 47)
⑧ Event Indicator (☞ pg. 19)
⑨ Digital Image Stabiliser (DIS) Indicator
   (Appears when [DIS] is set to [OFF].)
   (☞ pg. 47)

During Still Image Recording Only
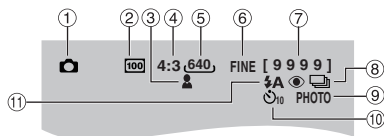
① Mode Indicator (☞ pg. 17)
② GZ-MG275/255 ISO Sensitivity
   (GAIN): When set to [AUTO], there is no
   indication. (☞ pg. 47)
③ Focus Indicator (☞ pg. 22)
④ GZ-MG275/255 Aspect Ratio of the Image
   (16:9/4:3)
⑤ Image Size (☞ pg. 47)
⑥ Picture Quality: FINE (fine) or STD
   (standard) (☞ pg. 47)
⑦ Remaining Number of Shots (☞ pg. 57)
⑧ Continuous Shooting Mode Indicator
   (☞ pg. 48)
⑨ Shooting Indicator (☞ pg. 17)
⑩ Self-Timer Recording Indicator (☞ pg. 48)
⑪ GZ-MG275/255 Flash Mode Indicator (☞ pg. 18)

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During Video Playback
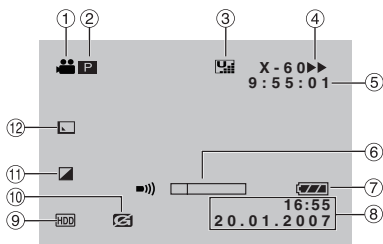
① Mode Indicator (☞ pg. 24)
② **P** : Playlist Playback Indicator (Appears when playing back a playlist.) (☞ pg. 35)
☺E : Event Search Playback Indicator (Appears when playing back a video file from the event search.) (☞ pg. 27)
☺D : Date Search Playback Indicator (Appears when playing back a video file from the date search.) (☞ pg. 26)
③ Picture Quality: 📷 (ultra fine), 📷 (fine), 📷 (normal), 📷 (economy) (☞ pg. 46)
④ Playback Mode (☞ pg. 24)
　▶ : Playback
　❚❚ : Pause
　▶▶ : Forward Search
　◀◀ : Reverse Search
　❚❚▶ : Forward Slow-Motion
　◀❚❚ : Reverse Slow-Motion
　(The number on the left shows speed.)
⑤ Counter (☞ pg. 47)
⑥ Volume Level Indicator
⑦ Battery Indicator (☞ pg. 54)
⑧ Date/Time (☞ pg. 13)
⑨ Selected Medium Indicator (☞ pg. 47, 48)
⑩ Drop Detection Indicator (Appears when [DROP DETECTION] is set to [OFF].) (☞ pg. 48)
⑪ Effect Mode Indicator (☞ pg. 28)
⑫ Wipe/Fader Effect Indicator (☞ pg. 28)

During Still Image Playback
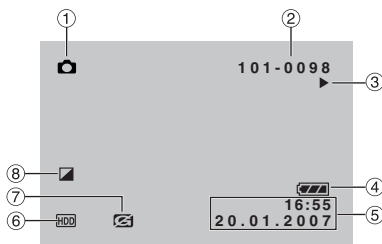
① Mode Indicator (☞ pg. 25)
② Folder/File Number
③ Slide Show Playback Indicator (☞ pg. 25)
④ Battery Indicator (☞ pg. 54)
⑤ Date/Time (☞ pg. 49)
⑥ Selected Medium Indicator (☞ pg. 47, 48)
⑦ Drop Detection Indicator (Appears when [DROP DETECTION] is set to [OFF].) (☞ pg. 48)
⑧ Effect Mode Indicator (☞ pg. 28)

Operation guide display
The operation guide is displayed at the bottom of the screen during menu display etc.

⬥ SELECT ⬥ SET　　MENU: QUIT

11

Necessary Settings before Use

MENU

MENU
M

Access/Charge Lamp

ACCESS /CHARGE

Set Lever
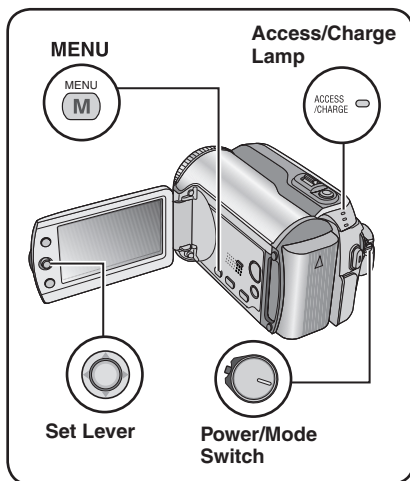
Power/Mode Switch

Be sure to configure the following three settings before use.

Charging the Battery Pack

1 Set the power/mode switch to OFF.

Slide while pressing down the lock button.

MODE
• ON
• OFF (CHARGE)
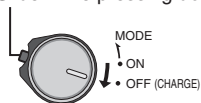
2 Attach the battery pack.

Slide the battery pack down until it locks in place.

Bottom of the Camera

BATT.
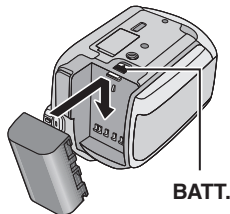
3 Connect the AC adapter.

DC Connector

To AC Outlet (110V to 240V)

Open the cover.

AC Adapter (ex. AP-V17E)*
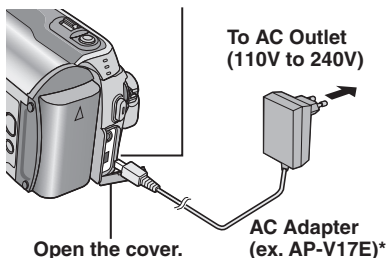
* If the provided AC adapter is AP-V14E, connect the power cord to the AC adapter, and plug the power cord into an AC outlet.

● GZ-MG275/255/155/135 You can also connect the AC adapter using the Everio dock connector. (☞ pg. 6)

● The access/charge lamp blinks to indicate charging has started.

● When the lamp goes out, charging is finished. Unplug the AC adapter (or the power cord) from the AC outlet and disconnect the AC adapter from the camera.

Required charging / recording time (approx.)
The values within ( ) are the times when the LED light is on.

Battery pack	Charging time	Recording time		
		GZ-MG275/255	GZ-MG155	GZ-MG135/130
BN-VF808U (Provided)	1 hr. 30 min.	1 hr. 15 min.	1 hr. 30 min. (1 hr. 25 min.)	1 hr. 35 min. (1 hr. 30 min.)
BN-VF815U	2 hr. 40 min.	2 hr. 35 min.	3 hr. 5 min. (2 hr. 55 min.)	3 hr. 15 min. (3 hr. 5 min.)
BN-VF823U	3 hr. 50 min.	3 hr. 50 min.	4 hr. 35 min. (4 hr. 20 min.)	4 hr. 55 min. (4 hr. 35 min.)

■ **To detach the battery pack**
Slide and hold **BATT**. (☞ step **2**), then remove the battery pack.

■ **To check the remaining battery power**
See page 14.

NOTES
● You can also use the camera with just the AC adapter.
● Please do not pull or bend the AC adapter plug and cable. This may damage the AC adapter.

Language Setting

The language on the display can be changed.

1 **Set the power/mode switch to ON.**
Slide while pressing down the lock button.

MODE
• ON
• OFF (CHARGE)

2
MENU
M

VIDEO
REC MEDIA FOR VIDEO
SCENE COUNTER
QUALITY
ZOOM
DIS
SELECT SET MENU QUIT

3

VIDEO
REC MEDIA FOR VIDEO
SCENE COUNTER
QUALITY
ZOOM
DIS
SELECT SET MENU QUIT

4 **Select [GENERAL].**
Select
Set

GENERAL
QUICK RESTART
AUTO POWER OFF
BRIGHT
DROP DETECTION
REMOTE
SELECT SET MENU QUIT

5 **Select [LANGUAGE].**
Select
Set
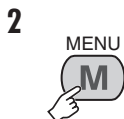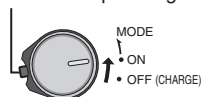
GENERAL
ENGLISH
SELECT SET MENU QUIT
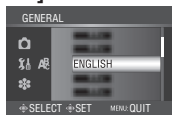
6 **Select the desired language.**
Select
Set

■ **To return to the previous screen**
Move the set lever to ‹.
■ **To exit the screen**
Press **MENU**.

Date/Time Setting

After performing steps 1-4 (☞ left column)

5 **Select [CLOCK ADJUST].**
Select
Set

GENERAL
GENERAL
DATE   TIME
31 01 2007 11 07
SELECT SET MENU QUIT

6 **Set the date and time.**
Select
Set

Repeat this step to input the month, day, year, hour and minute.

■ **To return to the previous screen**
Move the set lever to ‹.
■ **To exit the screen**
Press **MENU**.

You have now finished configuring the necessary settings.

■ **To use the camera right away**
See page 16.

■ **To configure other settings**
See page 14.

13

Other Settings

Lens Cover Switch

Power/Mode Switch

INDEX

◯ ▭ **INDEX**
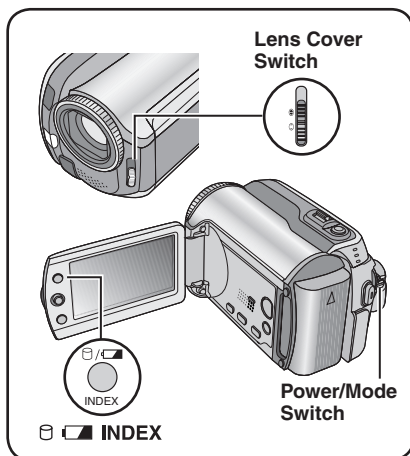
Grip Adjustment

Open the pad and make grip adjustments.
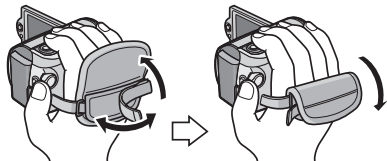
Lens Cover

When not using the camera, close the lens cover to protect the lens.

Close the lens cover
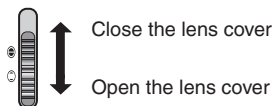
Open the lens cover

NOTE

Do not push the lens cover strongly. Doing so may cause damage to the lens.

Checking the Remaining Battery Power

Preparation:
● Set the power/mode switch to **OFF**.
● Attach the battery pack.

◯ / ▭

INDEX

BATTERY CONDITION
100%
MAX TIME
50%   *60* min
0%
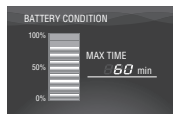
Battery information is displayed for approx. 5 seconds if the button is pressed and released quickly, and for approx. 15 seconds if the button is pressed and held for several seconds.

NOTES

● If "COMMUNICATING ERROR" appears, there may be a problem with your battery. In such a case, consult your nearest JVC dealer.
● The recordable time display should only be used as a guide. It is displayed in 10 minute units.

Tripod Mounting

Align the camera stud hole with the tripod stud, and the mounting socket with the screw, and then rotate the camera clockwise to mount it to the tripod.

Bottom of the Camera
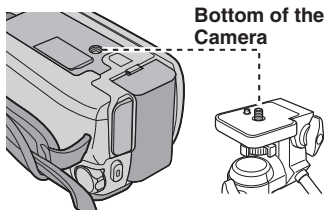
NOTE

Do not use a tripod on unsteady or unlevel surfaces. It could tip over, causing serious damage to the camera.

14

When Using an SD Card

If you want to record to an SD card, the following three operations need to be performed.

Compatible SD cards:
Panasonic, TOSHIBA and **SanDisk**.
128 MB to 4 GB.
● If other media are used, they may fail to record data correctly, or they may lose data that had already been recorded.
● For video recording, use a high-speed SD card (at least 10 MB/s).
● MultiMediaCards are not supported.

❶ Insert an SD card

Preparation:
Set the power/mode switch to **OFF**.

1 Open the SD card cover.

Bottom of the Camera
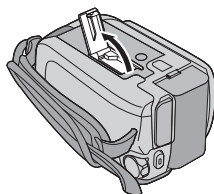
2 Firmly insert the card with its clipped edge first.

Clipped Edge

3 Close the SD card cover.

■ **To remove an SD card**
Push the SD card once.
After the card comes out a little, pull it out.

● Insert and remove the SD card only while the power is turned off. Otherwise, data on the card may be corrupted.
● Do not touch the terminal on the reverse side of the label.

❷ Change the recording medium

The camera is programmed to record on the built-in hard disk when it is shipped from the factory. You can change the recording medium to SD card.

Set [REC MEDIA FOR VIDEO] and [REC MEDIA FOR IMAGE] to [SD]. (☞ pg. 47, 48)

❸ Format an SD card when using it for the first time

This will also ensure stable speeds and operation when accessing the SD card.

Select [EXECUTE] in [FORMAT SD CARD] to format the card. (☞ pg. 50)

Recording Files

Video Recording

Preparation: Set the power/mode switch to **ON**.

1 **Slide the power/mode switch to MODE to select 📹 (video) mode.**

MODE
ON
OFF

The switch returns to the original position when it is released.

The 📹 lamp on the camera lights up.

2 **Press the PLAY/REC button to select recording mode.**

SELECT
PLAY/REC

📹Ⓐ   16:9   🔲 [5 h 5 6 m]
●▮▮

🔲
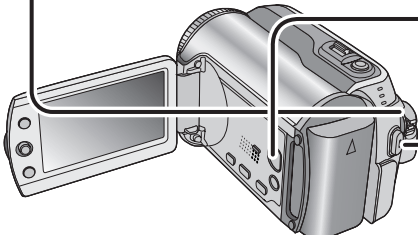
3 **Press the REC button to start recording.**

REC

🔲 [5 h 5 6 m]
●REC

Approximate remaining time for recording appears.

■ **To stop recording**
Press the **REC** button again.
■ **To change the picture quality**
Change the settings in [QUALITY].
(☞ pg. 46)
■ **To register a file to an event**
See page 19.

■ **To change the aspect ratio of the image (16:9/4:3)**
Change the settings in [16:9 WIDE RECORDING]. (☞ pg. 47)

16:9	4:3

NOTES

● The video recording mode is automatically selected when you turn the camera's power off and then on again.
● If the camera is not operated for 5 minutes while the power is on, it turns itself off automatically to conserve power. To turn the camera on again when using the battery pack, set the power/mode switch to **OFF**, then to **ON**. When using the AC adapter, perform any operation such as zooming.
● Video files are given the names MOV_001.MOD to MOV_009.MOD, MOV_00A.MOD to MOV_00F.MOD, and MOV_010.MOD in order of recording.
● After recording video for 12 consecutive hours, recording stops automatically.
● A new file will be created for every 4 GB of continuous shooting.
● This camera records video in MPEG2 format compliant with SD-VIDEO format. Remember that this camera is not compatible with other digital video formats.
● Do not move or shake the camera suddenly during recording. If you do so, the sound of the hard disk drive may be recorded.

Still Image Recording

Preparation: Set the power/mode switch to **ON**.

1 **Slide the power/mode switch to MODE to select ◻ (still image) mode.**

MODE
• ON
• OFF

The switch returns to the original position when it is released.

The ◻ lamp on the camera lights up.

2 **Press the PLAY/REC button to select recording mode.**

SELECT
PLAY/REC

◻A ⚙640⚙ FINE [9 9 9 9]

■
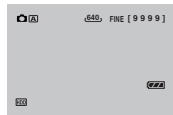
3 **Press and hold the SNAPSHOT button halfway.**

640 FINE
▲

The ▲ indicator becomes green when the captured image is focused.

■ **To change the picture quality**
Change the settings in [QUALITY].
(☞ pg. 47)
■ **To record still images continuously**
Set [CONTINUOUS SHOOTING] to [ON].
(☞ pg. 48)
■ GZ-MG275/255/155 **To change the image size**
Change the settings in [IMAGE SIZE].
(☞ pg. 47)

4 **Press the SNAPSHOT button to start recording.**

40 FINE [9 9 9 9]

PHOTO

NOTE

If the camera is not operated for 5 minutes while the power is on, it turns itself off automatically to conserve power. To turn the camera on again when using the battery pack, set the power/mode switch to **OFF**, then to **ON**. When using the AC adapter, perform any operation such as zooming.

Recording Files (Continued)

⊖ ⊏▱ **INDEX**   **Zoom Lever**

⊖/⊏▱
INDEX

**PLAY/REC
Button**

W T
⊠ ⊘

DIRECT
BACKUP
⇥
EVENT

Set Lever   EVENT
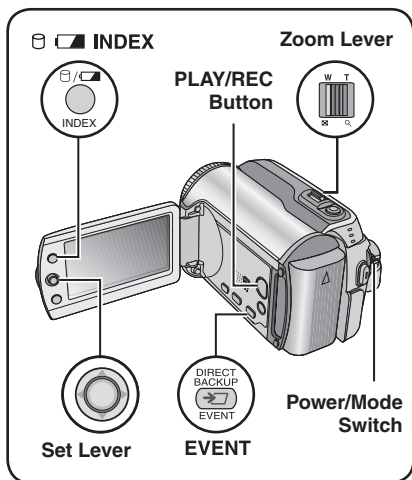
**Power/Mode
Switch**

Zooming

Preparation:
- Slide the power/mode switch to **MODE** to select 🎥 or 📷 mode.
- Press the **PLAY/REC** button to select recording mode.

Zoom out   **Zoom in**

W T
⊠ ⊘

W: Wide angle   **T**: Telephoto

Maximum Zoom Ratio (Factory-preset)

Model	🎥 mode	📷 mode
GZ-MG275/255	40X	10X
GZ-MG155	64X	27X
GZ-MG135/130	68X	34X

■ **To change the maximum zoom ratio (for 🎥 mode only)**
Change the settings in [ZOOM]. (☞ pg. 46)

NOTE
Macro shooting is possible as close as approx. 5 cm to the subject when the zoom lever is set all the way to **W**.

GZ-MG155/135 LED Light

Preparation:
- Slide the power/mode switch to **MODE** to select 🎥 or 📷 mode.
- Press the **PLAY/REC** button to select recording mode.

LIGHT

🎥 A
🔆 A

Each time you move the set lever to ⌄, setting changes.

🔅	The light remains on regardless of the surrounding conditions.
🔅A	The light turns on automatically when shooting in insufficient light conditions.
No display	Disables this function.

GZ-MG275/255 Flash – 📷 mode only

Preparation:
- Slide the power/mode switch to **MODE** to select 📷 mode.
- Press the **PLAY/REC** button to select recording mode.

FLASH

40₁   FINE [🔆 9 9 9]
⚡A

Each time you move the set lever to ⌄, setting changes.

⚡A	The flash fires automatically.
⚡A◉	The flash fires automatically but reduces the red-eye phenomenon of the subject's eyes.
⚡	The flash fires regardless of the shooting condition.
⚡S	The flash fires. The shutter speed becomes slower, so the background can also be brightened.
No display	Disables this function.

18

Registering Files to Events – 🎥 mode only

If you select an event to register the file to before starting recording, the file will be registered to the selected event, thus making the file easy to find at playback. There are up to 3 different destinations within each event (for example: BABY1, BABY2, BABY3).

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
● Press the **PLAY/REC** button to select recording mode.

1

DIRECT
BACKUP

EVENT

CHANGE EVENT REG.
ON/SELECT
OFF

2 Select [ON/SELECT].

Select

Set

VACATION   1/3
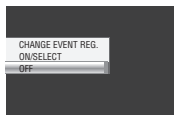
NON SECTION | NEXT PAGE
SELECT SET   EVENT QUIT

3 Select the event that you want to register the file to.

● To select a different destination, select [NEXT PAGE].
● To cancel the event registration, select [NON SECTION].

Select

Set

HDD
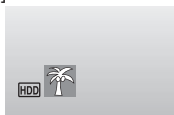
The selected event is displayed on the screen. Press the **REC** button to start recording.

■ **To exit the screen**
Press **EVENT**.
■ **To search by event for a file to play back**
See page 26.

NOTE

Once you select to register a file to a certain event, the setting will remain even if you turn the power off. Unless you change the setting, you will register a file to the same event that you had previously selected.

Checking the Remaining Space on the Recording Media – 🎥 mode only

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
● Press the **PLAY/REC** button to select recording mode.

INDEX

MAX RECORDING TIME

HDD

7h30m
11h15m
22h30m
45h00m

■ FREE
□ USED

The maximum recording time is displayed for each picture quality mode (🔲 : ULTRA FINE, 🔲 : FINE, 🔲 : NORMAL, 🔲 : ECONOMY).

■ **To return to the normal screen**
Press the ⬜ button again.

19

Manual Recording

Set Lever

PLAY/REC Button

FUNCTION

AUTO
INFO

FUNCTION **AUTO**

Power/Mode Switch

Manual recording mode enables you to set the focus and screen brightness etc. manually. You need to switch to this mode because auto recording mode, which adjusts these settings automatically, is selected by default.

To Change to Manual Recording Mode

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 or 📷 mode.
● Press the **PLAY/REC** button to select recording mode.

Press twice.

AUTO
INFO

🎥 Ⓜ

■ **To return to the auto recording mode**
Press the **AUTO** button so that the Ⓐ indicator appears.

Program AE

You can record videos or still images with optimum brightness by adjusting the exposure and shutter speed to suit your surroundings or the subject.

After performing "To Change to Manual Recording Mode" (☞ left column)

1

PROGRAM AE

OFF

2 **Select the desired setting.**
For details on each setting, see below.

Select

Set

HDD
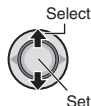
■ **To cancel the program AE**
Select [OFF] in step **2**.
■ **Items for program AE setting**
 ● 🏞 **PORTRAIT:** GZ-MG275/255
   The subject in the foreground is accentuated by blurring the background.
 ● 🏃 **SPORTS:**
   Records fast moving subjects clearly.
 ● ⛄ **SNOW:**
   Compensates for subjects that may appear too dark when shooting in extremely bright surroundings, such as in snow.
 ● 🔦 **SPOTLIGHT:**
   Select this when a spotlight makes a subject appear too bright.
 ● 🌃 **TWILIGHT:**
   Makes evening scenes look more natural.

20

Nightscope

The shutter speed is automatically adjusted from 1/2 to 1/250 seconds. It enables recording with low light levels in dim locations.

After performing "To Change to Manual Recording Mode" (☞ pg. 20)

■ **To cancel nightscope**
Move the set lever to ‹ (NIGHT) so that the 🔦A indicator disappears.

NOTE

It is recommended to use the tripod (☞ pg. 14) when recording with a slow shutter speed.

Backlight Compensation

Backlight compensation brightens the subject by increasing the exposure.

After performing "To Change to Manual Recording Mode" (☞ pg. 20)

■ **To cancel backlight compensation**
Move the set lever to ∧ (▦) twice so that the ▦ indicator disappears.

Spot Exposure Control

Use this function when backlight compensation does not work well, or to adjust the brightness in the desired spot.

After performing "To Change to Manual Recording Mode" (☞ pg. 20)

1 **Move twice.**

2 **Select the desired spot metering area frame.**
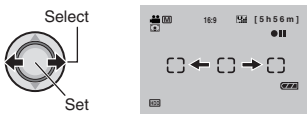
■ **To lock the exposure**
After you finish configuring the setting, press and hold the set lever for more than 2 seconds. The ▮ indicator appears.

■ **To cancel spot exposure control**
Move the set lever to ∧ (▦) once so that the ⊡ indicator disappears.

21

Manual Recording (Continued)

Manual Setting in Function Menu

You can use manual recording functions easily by selecting items in the function menus.

After performing "To Change to Manual Recording Mode" (☞ pg. 20)

1

FUNCTION

FOCUS
ADJUST BRIGHTNESS
SHUTTER SPEED
APERTURE PRIORITY
WB
EFFECT
TELE MACRO

2 Select the desired menu.
For details on each menu, see below.

Select

Set

ADJUST BRIGHTNESS
AUTO
±0

3 Select the desired setting.

Select

Set

ADJUST BRIGHTNESS
AUTO
±0
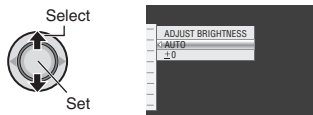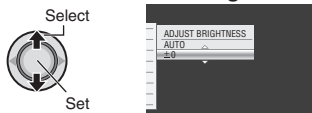
Depending on the kind of settings you select, you can set the value by moving the set lever to ∧ / ∨ after selecting.

4

FUNCTION

M   16:9
+2

The menu disappears and the indicator for the set function appears.
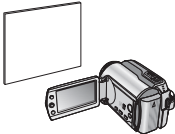
■ **To return to the previous screen**
Move the set lever to ‹.
■ **To exit the screen**
Press **FUNCTION**.

Menus	Settings: [ ] = Factory-preset
FOCUS Adjusts the focus.	**[AUTO]**: The focus is adjusted automatically. ▲ ◄► ♣ : Adjusts the focus manually. Move the set lever to ‹ / › to set the focus. (When zooming, the subject will not go out of focus if you adjust the focus at the telephoto (**T**) side before zooming to the wide-angle (**W**) side.)
ADJUST BRIGHTNESS Adjusts the brightness.	**For 🎥 mode** **[AUTO]**: The brightness is adjusted automatically. **–6 to +6**: Corrects the brightness within this range in increments of 1. Move the set lever to ∧ / ∨ to set the value. **For 📷 mode** **[±0]**: The brightness is not adjusted. **–2.0 to +2.0 (EV)**: Corrects the brightness within this range in increments of 1/3EV. Move the set lever to ∧ / ∨ to set the value. ■ **To lock the exposure** When the menu disappears after you finish configuring the setting, press and hold the set lever for more than 2 seconds. The 🔒 indicator appears.

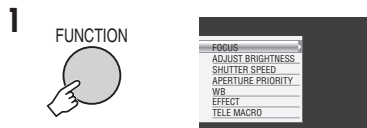| Menus	Settings: [ ] = Factory-preset
SHUTTER SPEED A fast shutter speed can freeze the motion of a fast-moving subject, and a slow shutter speed can blur the subject to give the impression of motion.	**[AUTO]**: The shutter speed is adjusted automatically. **1/2 to 1/4000 (For 🎥 mode) /** **1/2 to 1/500 (For 📷 mode):** The smaller the value, the faster the shutter speed. Move the set lever to ∧ / ∨ to set the value. **NOTE** It is recommended to use the tripod (☞ pg. 14) when recording with a slow shutter speed.
GZ-MG275/255 **APERTURE PRIORITY** You can add a blurring effect to the background by setting the aperture value (F-number).	**[AUTO]**: The aperture value is adjusted automatically. **F1.2 to F16:** The lower the F-number (larger aperture value), the more blurred the background will become. The higher the F-number (smaller aperture value), the clearer the focus will be for both near and far objects. Move the set lever to ∧ / ∨ to set the value. **NOTE** If the image is too bright, set to a larger F-number. If the image is too dark, set to a smaller F-number.
WB Adjusts the white balance to achieve the optimum colours for the amount of light in your surroundings during recording.	🅰 **[AUTO]**: White balance is adjusted automatically. 🌫 **MWB**: Adjusts the white balance manually depending on the light source. 1) Hold a sheet of plain white paper in front of the subject so that the white paper fills the screen. 2) Press and hold the set lever until the 🌫 indicator starts blinking then stops blinking. ☀ **FINE**: When shooting outdoors on a sunny day. ☁ **CLOUD**: When shooting outdoors on a cloudy day. 🔆 **HALOGEN**: When a video light or similar type of lighting is used.
EFFECT Enables you to record videos or still images with special effects.	🔲 **[OFF]**: No effect is used. ◤ **SEPIA**: The image has a brownish tint like old photos. B/W **MONOTONE**: The image becomes black and white like old movies. 🎞 **CLASSIC FILM***: This effect skips frames to give images of an old movie atmosphere. 🎞 **STROBE***: The image looks like a series of consecutive snapshots. * Not available in 📷 mode.
TELE MACRO Enables you to shoot a subject as large as possible at a distance of approx. 40 cm.	🔲 **[OFF]**: Disables the function. 🌷 **ON**: Activates the function.

23

Playing Back Files

Video Playback

1 **Slide the power/mode switch to MODE to select 🎥 (video) mode.**

MODE
ON
OFF

The switch returns to the original position when it is released.

The 🎥 lamp on the camera lights up.

2 **Press the PLAY/REC button to select playback mode.**

SELECT
PLAY/REC

VIDEO
SELECT · SET   INDEX SORT

The index screen for videos appears.

3 **Move the set lever to ∧ / ∨ / ‹ / › to select the desired file, then press down.**

Select

Set

■ **To return to the index screen**
Press **INDEX.**
■ **To watch on TV**
See page 29.
■ **To turn the date display on/off**
Change the settings in [DATE/TIME]. (☞ pg. 49)
■ **To check the file information**
Press **INFO** when playback is paused. (☞ pg. 32)

Operations during Playback

Return to the first scene of the file

Play/Pause

Reverse search/
Frame-by-frame playback
(during pause)

Forward search/
Frame-by-frame playback (during pause)

Go to the first scene of the next file

− : Turn down the volume

VOL +
W   T

⊠   🔍

＋ : Turn up the volume
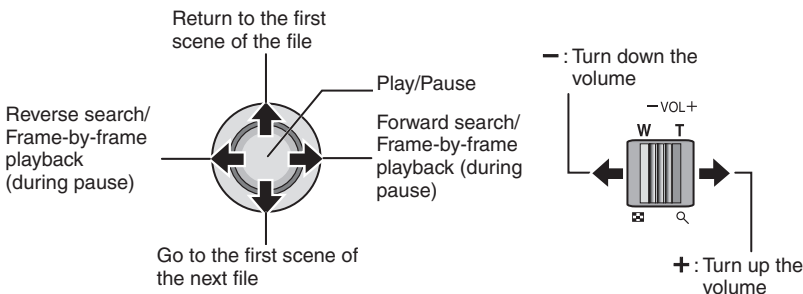
During forward reverse search, moving the set lever to ‹ / › alters the search speed (maximum 60x).

Still Image Playback

1 **Slide the power/mode switch to MODE to select ◘ (still image) mode.**

MODE
ON
OFF

The switch returns to the original position when it is released.

The ◘ lamp on the camera lights up.

2 **Press the PLAY/REC button to select playback mode.**

SELECT
PLAY/REC

IMAGE 8/8
◘
♦SELECT ♦SET INDEX·SORT

The index screen for still images appears.

3 **Move the set lever to ∧ / ∨ / ‹ / › to select the desired file, then press down.**

Select

Set

■ **To return to the index screen**
Press **INDEX**.
■ **To watch on TV**
See page 29.
■ **To turn the date display on/off**
Change the settings in [DATE/TIME]. (☞ pg. 49)
■ **To check the file information**
Press **INFO**. (☞ pg. 32)

Operations during Playback

Rotate 90 degrees
(counterclockwise)

Start/end the slide show

Display the previous file

Display the next file

Rotate 90 degrees
(clockwise)
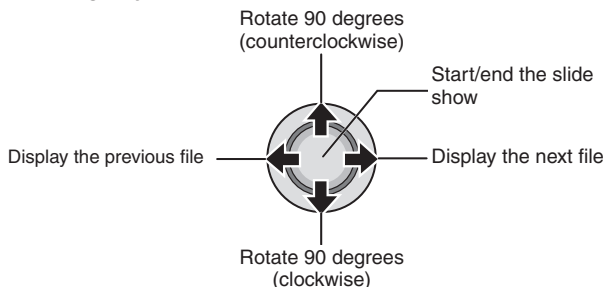
During the slide show, moving the set lever to ∧ / ∨ changes the playback order.

Playing Back Files (Continued)

Power/Mode Switch

PLAY/REC Button

Set Lever
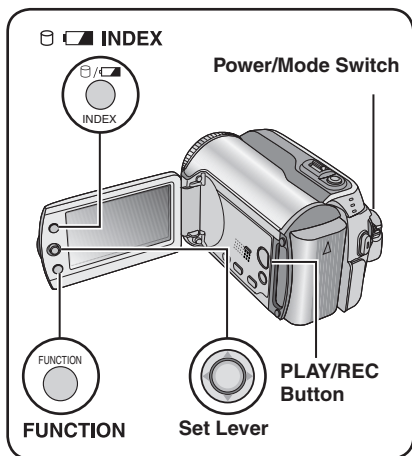
File Search Function

You can switch the index screen to the date index screen or event screen for the convenient file search.
The event screen can be used in 🎥 mode. It cannot be used in 📷 mode.

Date Index Screen

You can search the desired file by the recording date.

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 or 📷 mode.
● Press the **PLAY/REC** button to select playback mode.

1

INDEX

2 Select the recording date.

Select

Set

3 Select the file you want to play back.

Select

Set
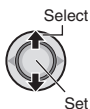
■ **To return to the index screen**
Press the **INDEX** button.

Event Screen – 🎥 mode only

You can search the desired file by the event that you registered the file to when recording. (☞ pg. 19) After searching by the event, you can search by the recording date to narrow down the search.

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
● Press the **PLAY/REC** button to select the playback mode.

1 Press twice.

INDEX

2 Select the event.

To move to the next page, select [NEXT PAGE].

Select

Set

SEARCH EVENT
ALL SCENES
25 01 2007
22 01 2007
● SELECT ● SET INDEX SORT

3 Select the recording date.

To display all the files, select [ALL SCENES].

Select

Set

VACATION   1/3

● SELECT ● SET INDEX SORT

4 Select the file you want to play back.

Select

Set

■ **To return to the index screen**
Press the **INDEX** button.
■ **To change the event registration of a file**
See page 32.

To Play Back Demonstration Files – 🎥 mode only

Video files that are used for demonstration in a shop may be recorded on the camera you purchased. These files are saved to the [EXTMOV] folder and can be played back by the following operations.

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
● Press the **PLAY/REC** button to select playback mode.

1

FUNCTION

DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE
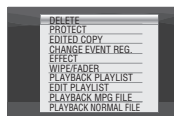
2 Select [PLAYBACK MPG FILE].

Select

Set

VIDEO [MPG]   8/8

● SELECT ● SET FUNC. QUIT

3 Select the file you want to play back.

Select

Set
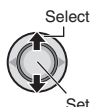
■ **To exit the screen**
Press **FUNCTION**.
■ **To return to the normal file playback mode**
Select [PLAYBACK NORMAL FILE] in step **2**.

27

Playing Back Files (Continued)

Playback with Special Effects

Wipe or fader effects
Add effects at the beginning and end of
videos. These effects cannot be set for still
images.

Playback effects
Add effects that, for example, alter the colour
tones of images.

Preparation:
● Slide the power/mode switch to **MODE** to
select 🎥 or 📷 mode.
● Press the **PLAY/REC** button to select the
playback mode.

ex.) Set [EFFECT] to [SEPIA].

1

FUNCTION

DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE

2 Select [WIPE/FADER] (🎥 mode only)
or [EFFECT].

Select

Set

EFFECT
OFF
SEPIA
MONOTONE
CLASSIC FILM
STROBE
SELECT SET FUNC. QUIT

3 Select a desired effect.
For details on each effect, see right
column.

Select

Set

VIDEO 8/8
SELECT SET INDEX SORT

4 Select the file you want to play back.

Select

Set

HDD

■ **To exit the screen**
Press **FUNCTION**.

■ **To turn off the effect**
Select [OFF] in step **3**.

■ **Items for WIPE/FADER setting**

● Wh **FADER:WHITE:**
Fade in or out with a white screen.
● Bk **FADER:BLACK:**
Fade in or out with a black screen.
● B.W **FADER:B.W:**
Fade in to a color screen from a black
and white screen, or fade out in the
opposite way.
● 🔲 **WIPE:CORNER:**
Wipe in on a black screen from the upper
right to the lower left corner, or wipe out
in the opposite way.
● 🔲 **WIPE:WINDOW:**
The scene starts in the center of a black
screen and wipes in toward the corners,
or wipes out in the opposite way.
● ◁ **WIPE:SLIDE:**
Wipe in from right to left, or wipe out in
the opposite way.
● ◁▷ **WIPE:DOOR:**
Wipe in as the two halves of a black
screen open to the left and right revealing
the scene, or wipe out in the opposite
way.
● ⬆ **WIPE:SCROLL:**
The scene wipes in from the bottom to
the top of a black screen, or wipes out in
the opposite way.
● ⬍ **WIPE:SHUTTER:**
Wipe in from the center of a black screen
toward the top and bottom, or wipe out in
the opposite way.

■ **Items for EFFECT setting**

● ◢ **SEPIA:**
The image is given a brownish tint like an
old photo.
● B/W **MONOTONE:**
The image becomes black and white like
an old movie.
● 🎞 **CLASSIC FILM*:**
The image is given an old movie
atmosphere by the effect of skipping
frames.
● 🎞 **STROBE*:**
The image looks like a series of
consecutive snapshots.
* Not available in 📷 mode.

Watching Images on TV

Preparation:
Turn off all units.

AV Connector   AV Cable

AV Input Connector

DC Connector   AC Adapter   To AC Outlet
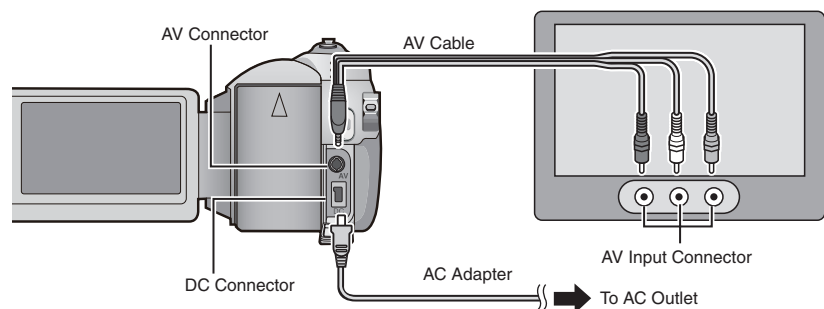
NOTES

● GZ-MG275/255/155/135 You can also connect the cables using the Everio dock connectors. The S-Video cable (optional) enables even higher quality playback. (☞ pg. 6) When other devices such as a DVD burner are connected to the Everio dock, switch off these devices power.
● This camera is designed to be used with PAL-type colour television signals. It cannot be used with a television of a different standard.

1 **Turn on the camera and the TV.**

2 **Set the TV to its VIDEO mode.**

3 (Only when connecting the camera to the VCR/DVD recorder)
Turn on the VCR/DVD recorder, and set the VCR/DVD recorder to its AUX input mode.

4 **Start playback on the camera. (☞ pg. 24, 25)**

■ **If the aspect ratio of the image is not correct as shown right**
Change the settings in [SELECT TV TYPE].
(☞ pg. 49)

■ **To display camera's on-screen display on TV**
Set [DISPLAY ON TV] to [ON]. (☞ pg. 49)

16:9 TV   **4:3 TV**

29

Managing Files

Set Lever

Zoom Lever

PLAY/REC Button

FUNCTION   **INFO**

Power/ Mode Switch
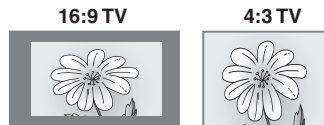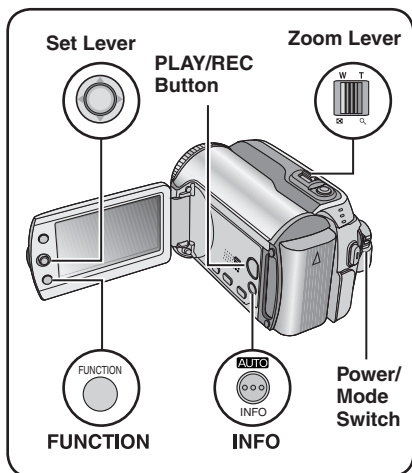
Do not remove the recording medium or perform any other operation (such as turning off the power) while accessing files. Also, be sure to use the provided AC adapter, as the data on the recording medium may be corrupted if the battery becomes exhausted during operation. If the data on the recording medium becomes corrupted, format the recording medium. (☞ pg. 50)

Deleting/Protecting Files

● Protected files cannot be deleted. To delete them, release the protection first.
● Once files are deleted, they cannot be restored. Check files before deleting.
● For an SD card, you can use the write/erase protection tab to set protection. To protect all the files, slide the tab to the "LOCK" position.

Write/erase protection tab

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 or 📷 mode.
● Press the **PLAY/REC** button to select playback mode.

ex.) Performing [DELETE].

1   FUNCTION

```
DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE
```

2 Select [DELETE] or [PROTECT].

Select

Set

```
DELETE
CURRENT
FILE SELECT
DELETE ALL
⊕SELECT ⊕SET   FUNC:QUIT
```

Deleting/Protecting the Currently Displayed File

After performing steps **1**-**2**

3 Select [CURRENT].

Select

Set

```
DELETE?
Remaining files:    0008
EXECUTE
CANCEL
⊕SELECT ⊕SET
```
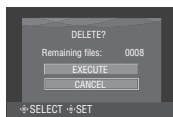
You can select the previous or next file by moving the set lever to 〈 / 〉.

4 Select [EXECUTE].

Select

Set

■ **To exit the screen**
Press **FUNCTION.**

Selecting and Deleting/Protecting Files

After performing steps 1-2 (☞ pg. 30)

3 Select [FILE SELECT].
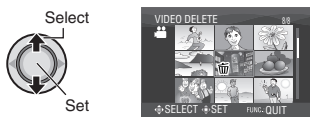
Select

Set

VIDEO DELETE
◆SELECT ◆SET   FUNC.QUIT

4 Select the desired file.

Select

Set

VIDEO DELETE
◆SELECT ◆SET   FUNC.QUIT

● The 🗑 or 🔒 mark appears on the file. To select other files, repeat this step.
● If you slide the zoom lever towards **T**, the preview screen is displayed. Sliding the zoom lever towards **W** returns to the index screen.

5

FUNCTION

DELETE?
EXECUTE AND QUIT
QUIT
CANCEL
◆SELECT ◆SET
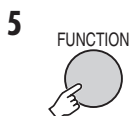
6 Select [EXECUTE AND QUIT] (when performing [DELETE]) or [QUIT] (when performing [PROTECT]).

Select

Set

■ **To exit the screen**
Press **FUNCTION**.

Deleting/Protecting All Files

After performing steps 1-2 (☞ pg. 30)

3 Select [DELETE ALL] or [PROTECT ALL].

Select

Set

DELETE ALL?
EXCEPT PROTECTED FILE
EXECUTE
CANCEL
◆SELECT ◆SET

4 Select [EXECUTE].

Select

Set

■ **To exit the screen**
Press **FUNCTION**.

■ **To release protection**
Select the protected file in step **4** ("Selecting and Deleting/Protecting Files" ☞ left column).

■ **To release protection of all files**
1) In step **3**, select [CANCEL ALL], then press down the set lever.
2) Move the set lever to ∧ / ∨ to select [EXECUTE], then press down.

Managing Files (Continued)

Viewing File Information

Preparation:
● For 🎥 mode: Pause the playback. Alternatively, select the file on the index screen.
● For 📷 mode: Play back the still image. Alternatively, select the file on the index screen.

AUTO

INFO

```
FILE        : MOV005.MOD
FOLDER      : PRG001
DATE/TIME   : 01.01.2007 10:56
PB TIME     : 00:30:02
QUALITY     : ULTRA FINE
PROTECT     : OFF
```

● **FILE:**
File name
● **FOLDER:**
Folder name
● **DATE/TIME:**
Date and time of the recording
● **PB TIME (for video files):**
Playback time (length of the file)
● **SIZE (for still images):**
Image size (☞ pg. 47)
● **QUALITY:**
Image quality (☞ pg. 46, 47)
● **PROTECT:**
File protection status (☞ pg. 30)

■ **To turn off the file information display**
Press **INFO** again.

Changing the Event Registration of Video Files after Recording – 🎥 mode only

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
● Press the **PLAY/REC** button to select playback mode.

1 FUNCTION

```
DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE
```

2 Select [CHANGE EVENT REG.].

Select

Set

```
VACATION              1/3

NON SECTION  │  NEXT PAGE
◆SELECT ◆REGISTER EVENT:QUIT
```

3 Select a new event to register the file to.
● To move to the next page, select [NEXT PAGE].
● To cancel the event registration, select [NON SECTION].

Select

Set

```
VIDEO                  88

◆SELECT ◆SET   FUNC: QUIT
```

4 Select the file you want to register.

Select

Set

● The ✔ mark appears on the file. To select other files, repeat this step.
● If you slide the zoom lever towards **T**, the preview screen is displayed. Sliding the zoom lever towards **W** returns to the index screen.

5

FUNCTION

```
EVENT RE-REGISTRATION ENDS
DO YOU WANT TO SAVE?
SAVE AND QUIT
DELETE AND QUIT
CANCEL
⊕SELECT ⊕SET
```
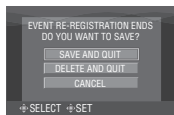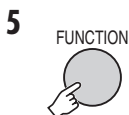
6 Select [SAVE AND QUIT].

Select

Set

■ **To exit the screen**
Press **FUNCTION**.

**Partial Delete (EDITED COPY)
– 🎥 mode only**

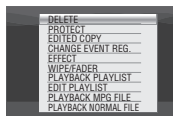You can divide the selected video file into two, and make a copy of the desired section as a new video file.

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
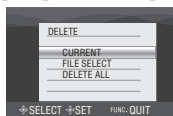● Press the **PLAY/REC** button to select playback mode.

1

FUNCTION

```
DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE
```

2 Select [EDITED COPY].

Select

Set

```
EDITED COPY          8 8
⊕SELECT ⊕SET  FUNC. QUIT
```

3 Select the desired file.

Select

Set

```
EDITED COPY      ▶
                 00 : 00 : 03
INDEX.RETURN ⊕SET  FUNC. QUIT
```
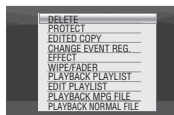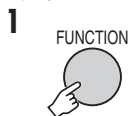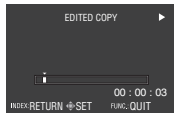
Playback starts.

4 Set the point at which you want to divide the file.

```
COPY 1st SECTION
COPY 2nd SECTION
CANCEL
                 00 : 24 : 18
⊕SELECT ⊕SET  FUNC. QUIT
```

5 Select the file you want to copy.
● **[COPY 1st SECTION]:**
Copy the section before the division point.
● **[COPY 2nd SECTION]:**
Copy the section after the division point.

Select

Set

When copying is finished, the copied file is added to the index screen.

■ **To exit the screen**
Press **FUNCTION**.

NOTE

When playing back the copied file, the recording date of the original file is displayed. Meanwhile, the date when you copied is displayed on the file information display. (☞ pg. 32)

Playlists – 🎥 mode only

🗄 💷 INDEX

🗄/💷
INDEX

FUNCTION

FUNCTION

Power/Mode Switch

PLAY/REC Button

Set Lever

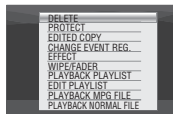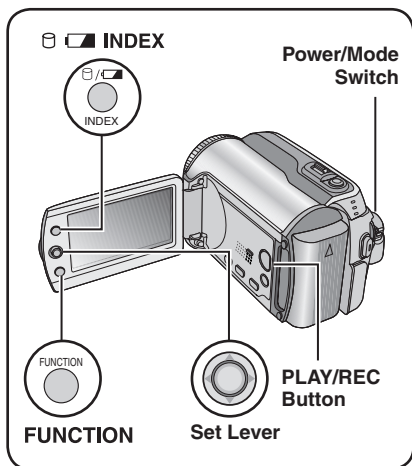It is a list that enables you to organise recorded videos in order of preference.

Preparation:
● Slide the power/mode switch to **MODE** to select 🎥 mode.
● Press the **PLAY/REC** button to select playback mode.

Creating Playlists

1
FUNCTION

DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE

2 Select [EDIT PLAYLIST].

Select

Set

EDIT PLAYLIST

NEW LIST
EDIT
RENAME
DELETE

⬥SELECT ⬥SET   FUNC.QUIT

3 Select [NEW LIST].

Select

Set

NEW LIST
IMPORT FROM EVENT
IMPORT FROM DATE
ALL SCENES
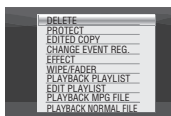
⬥SELECT ⬥SET   FUNC.QUIT

4 Select an item and display files.

Select

Set
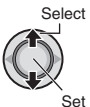
● **[IMPORT FROM EVENT]:**
Search for an event and display the corresponding files listed by recording date.
Move the set lever to ∧ / ∨ / 〈 / 〉 to select the event, then press down.
● **[IMPORT FROM DATE]:**
Display all the files in the medium listed by recording date.
● **[ALL SCENES]:**
Display all files individually.

EDIT
TOTAL
00h00m

⬥SELECT ⬥REGISTER
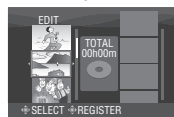
5 Select the file to add to playlist.
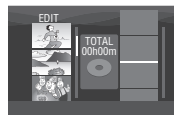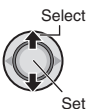
Select

Set

EDIT
TOTAL
00h00m

To preview scenes, move the set lever to ∧ / ∨ to select the file and press the **INDEX** button. When the index screen of individual scenes appears, move the set lever to ∧ / ∨ / 〈 / 〉 to select the file, then press down.
To return to previous screen, press **INDEX**.

34

6 **Select the insertion point.**

Select

Set

EDIT

TOTAL
30h15m
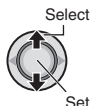
⊕SELECT ⊕REGISTER

- To add other files, repeat steps **5** and **6**.
- To delete a registered scene, move the set lever to ∧ / ∨ to select the registered file, then press down.

7 FUNCTION

QUIT PLAYLIST
SAVE EDITED CONTENTS?

SAVE AND QUIT
DELETE AND QUIT
CANCEL
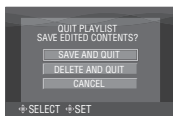
⊕SELECT ⊕SET

8 **Select [SAVE AND QUIT].**

Select

Set

■ **To exit the screen**
Press **FUNCTION**.

NOTES
- A maximum of 99 playlists can be created.
- Each playlist can consist of a maximum of 99 scenes.
- If you delete the original files, the corresponding files are also deleted from the playlist.

Playing Back Playlists

1 FUNCTION

DELETE
PROTECT
EDITED COPY
CHANGE EVENT REG.
EFFECT
WIPE/FADER
PLAYBACK PLAYLIST
EDIT PLAYLIST
PLAYBACK MPG FILE
PLAYBACK NORMAL FILE
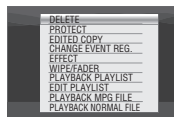
2 **Select [PLAYBACK PLAYLIST].**

Select

Set

PLAYBACK PLAYLIST

ALL SCENES
01 07. 01. 2007 16:45
02 07. 01. 2007 21:45
03 07. 01. 2007 21:55

⊕SELECT ⊕SET FUNC. QUIT
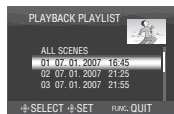
3 **Select the playlist that you want to play back.**

Select

Set

■ **To exit the screen**
Press **FUNCTION**.
■ **To stop playback**
Press down the set lever.
■ **To return to the normal file playback mode**
Select [PLAYBACK NORMAL FILE] in step **2**.
■ **To play back from the desired scene**
1) In step **2**, press the **INDEX** button. (The index screen for playlist appears.)
2) Move the set lever to ∧ / ∨ / ‹ / › to select the desired scene, then press down.
■ **When dubbing playlists using a VCR/DVD recorder (☞ pg. 44)**
Play back playlists by performing the following operations.
1) After performing steps **1**-**2**, move the set lever to ›.
2) Move the set lever to ∧ / ∨ to select [START PLAYBACK], then press down. (A black screen is displayed for five seconds at the first and the last scene.)

35

Playlists – 🎥 mode only (Continued)

Other Operations of Playlists

You can perform additional editing and delete files in a created playlist.

Preparation:
Perform steps **1**-**2**. (☞ pg. 34)

Adding/Deleting Files in Playlist

3 Move the set lever to ∧ / ∨ to select [EDIT], then press down.

4 Move the set lever to ∧ / ∨ to select the playlist you want to edit, then press down.
To add or delete files, follow the steps **5** to **8** in "Creating Playlists". (☞ pg. 34)

Changing Playlist Names

The default name of a playlist is its creation date and time.

3 Move the set lever to ∧ / ∨ to select [RENAME], then press down.

4 Move the set lever to ∧ / ∨ to select the desired playlist, then press down.

5 Move the set lever to ∧ / ∨ / ‹ / › to select the desired letter, then press down.
● Repeat this process to complete the name.
● You can change the character types (capital letters, small letters or marks) by selecting [A/a/@].
● To correct a letter, select [←] or [→] and press down the set lever to move the cursor to the letter, then select [CLEAR] and press down the set lever.

6 Move the set lever to ∧ / ∨ / ‹ / › to select [↵], then press down.

Deleting Playlist

Original files are not deleted even if you delete the playlist.

3 Move the set lever to ∧ / ∨ to select [DELETE], then press down.

4 Move the set lever to ∧ / ∨ to select a playlist you want to delete.
To delete all playlists at once, select [DELETE ALL].

5 Press down the set lever.

6 Move the set lever to ∧ / ∨ to select [EXECUTE], then press down.

Print Setting – ◻ mode only

Set Lever **Power/Mode Switch**

FUNCTION

PLAY/REC Button
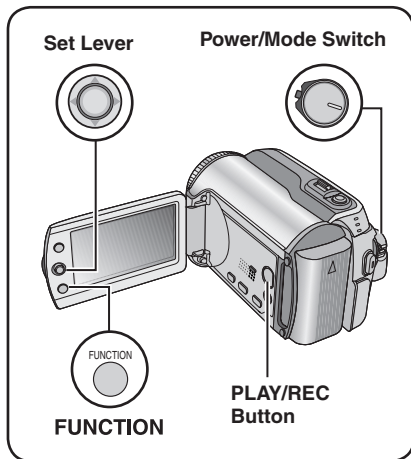
DPOF Print Setting

This camera is compatible with DPOF (Digital Print Order Format). You can set which images to be printed and the number of prints with this camera. This feature is useful to print with a DPOF-compatible printer or for taking the recording medium to a photo lab for printing.

Preparation:
● Slide the power/mode switch to **MODE** to select ◻ mode.
● Press the **PLAY/REC** button to select playback mode.

1 FUNCTION

DELETE
PROTECT
COPY
MOVE
DPOF
EFFECT

2 Select [DPOF].

Select

Set

DPOF

SELECT IMAGES
ALL 1
CHECK SETTINGS
RESET
⊹ SELECT ⊹ SET FUNC. QUIT

Setting Files Individually

After performing steps 1-2

3 Select [SELECT IMAGES].

Select

Set

DPOF TOTAL: 0   0/0
◻
00
00   00   00
⊹ SELECT ⊹ SET FUNC. QUIT

4 Select the desired file.

Select

Set
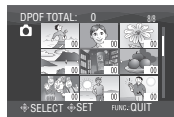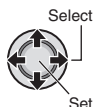
If you slide and hold the zoom lever towards **T**, the preview screen of the still image is displayed.

5 Select the number of prints. (max. 15 prints)

Select

Set

To set print information for other images, repeat steps **4** and **5**. (You can set up to 999 files.)

6 FUNCTION

■ **To exit the screen**
  Press **FUNCTION**.
■ **To cancel the selection**
  Set the number of prints to "00" in step **5**.
■ **To confirm DPOF settings**
  In step **3**, move the set lever to ∧ / ∨ to select [CHECK SETTINGS], then press down.
  ● If necessary, change the number of prints for the desired file by following steps **4** and **5**.
■ **To reset DPOF settings**
  1) In step **3**, move the set lever to ∧ / ∨ to select [RESET], then press down.
  2) Move the set lever to ∧ / ∨ to select [EXECUTE], then press down.

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Print Setting – ⏏ mode only (Continued)

Setting All Files Together (One Print for Each)

After performing steps 1-2 (☞ pg. 37)

3 Select [ALL1].

Select

Set

ALL1

EXECUTE
CANCEL
⊕SELECT ⊕SET

4 Select [EXECUTE].

Select

Set
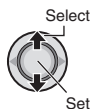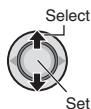
■ **To exit the screen**
Press **FUNCTION**.

■ **To confirm DPOF settings**
In step **3**, move the set lever to ∧ / ∨ to select [CHECK SETTINGS], then press down.
● If necessary, change the number of prints for the desired file by following steps **4** and **5**. (☞ pg. 37)

■ **To reset DPOF settings**
1) In step **3**, move the set lever to ∧ / ∨ to select [RESET], then press down.
2) Move the set lever to ∧ / ∨ to select [EXECUTE], then press down.

Direct Printing with PictBridge Printer

If your printer is compatible with PictBridge, still images can be printed easily by connecting the camera directly to the printer with the USB cable. DPOF setting can also be used. (☞ pg. 37)

Preparation:
Set the power/mode switch to **OFF**.

DC Connector

USB Connector

AC Adapter → To AC Outlet

USB Cable

PictBridge Printer
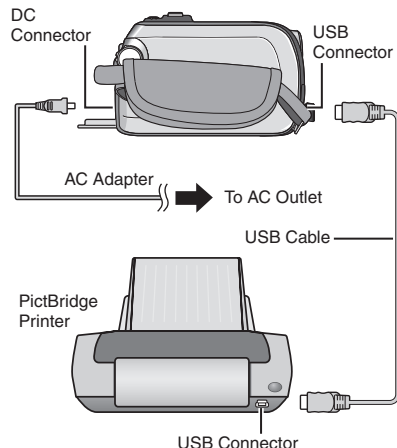
USB Connector

GZ-MG275/255/155/135 You can also connect the cables using the Everio dock connectors.

1 Set the power/mode switch to ON.

MODE
ON
OFF

PLAYBACK ON PC
CONNECT TO DEVICE
CREATE DVD
BACK UP
DIRECT PRINT
⊕SELECT ⊕SET   MENU:QUIT

2 Select [DIRECT PRINT].

Select

Set

DIRECT PRINT
SELECTED PRINT
DPOF PRINT

CANCEL
⊕SELECT ⊕SET

38
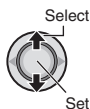
To Print by Selecting a Still Image

After performing steps 1-2 (☞ pg. 38)

3 Select [SELECTED PRINT].

Select

Set

PRINT THIS IMAGE

SET

4 Select the desired Image.

Select

Set

NUMBER OF PRINTS ‹ 1 ›
DATE   OFF
PRINT
CANCEL

5 Move the set lever to ∧ / ∨ to select menus and ‹ / › to select settings.

- **[NUMBER OF PRINTS]:**
  The number of prints can be set from 1 to 99.
- **[DATE]:**
  Set whether to print the date and time.

6 Select [PRINT].

Select

Set

■ **To stop printing after printing starts**
1) Press down the set lever.
2) Move the set lever to ∧ / ∨ to select [EXECUTE], then press down.

To Print Using the DPOF Settings

If the printer is compatible with DPOF, you can use the DPOF settings. (☞ pg. 37)

After performing steps 1-2 (☞ pg. 38)

3 Select [DPOF PRINT].

Select

Set

DPOF PRINT
CHECK SETTINGS
PRINT

CANCEL
◈ SELECT ◈ SET

4 Select [PRINT].

Select

Set

■ **To stop printing after printing starts**
1) Press down the set lever.
2) Move the set lever to ∧ / ∨ to select [EXECUTE], then press down.

■ **To confirm the DPOF setting**
In step **4**, move the set lever to ∧ / ∨ to select [CHECK SETTINGS], then press down. To return to the previous screen, press **FUNCTION**.

NOTES

- If the printer is not recognised, disconnect the USB cable, then reconnect it.
- You cannot return to the previous screen while operating Direct print. If you want to redo the operation, remove the USB cable, switch off the camera's power, and start the operation again from the beginning.

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Copying Files

☐ ⊏▣ INDEX **Set Lever** **Power/Mode Switch**

INDEX

FUNCTION DIRECT DVD **PLAY/REC Button**

FUNCTION **DIRECT DVD**
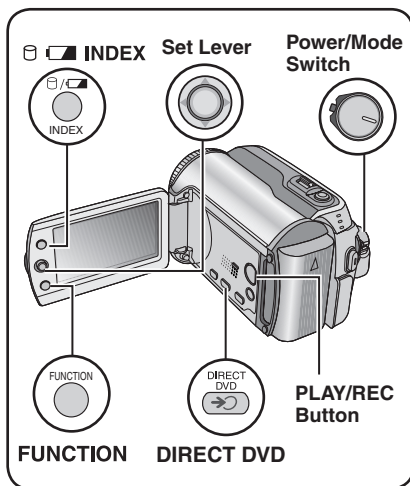
Types of Copying and Connectable Device
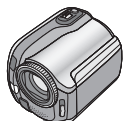
The Camera
You can copy still images between the HDD and SD card with this camera alone. (☞ pg. 45)

DVD Burner (CU-VD10/CU-VD20)
You can copy video files recorded on this camera onto DVD discs. (☞ right column)

VCR/DVD Recorder
You can dub video files recorded on this camera onto DVD discs. (☞ pg. 44)

Using a DVD Burner to Copy Files from the Camera (DVD Creation Function)

Supported discs: 12cm DVD-R, DVD-RW

● Regarding DVD-R discs, only unused DVD-R discs can be used. Regarding DVD-RW discs, used DVD-RW discs can also be used, but they need to be formatted before recording. Formatting a disc deletes all content recorded on the disc up until that time.
● Dual-layer discs cannot be used.

Regarding finalisation after copying

The disc is automatically finalised so that it can be played on other devices. After finalising, the disc is a play-only disc, so no more files can be added.

Preparation:
Set the power/mode switch to **OFF**.
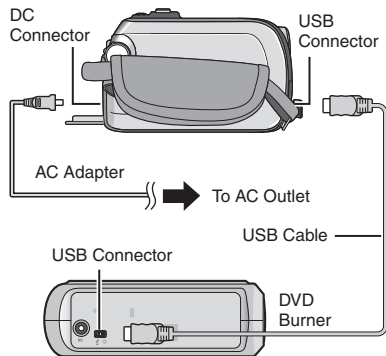
DC Connector USB Connector

AC Adapter To AC Outlet

USB Cable

USB Connector DVD Burner

NOTE

GZ-MG275/255/155/135 You can also connect the cables using the Everio dock connectors.

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Copying Only the Newly Taken Video Files

Files that have never been copied to the DVD discs are automatically selected and copied.

1 Set the power/mode switch to ON.
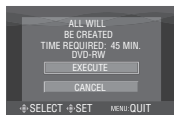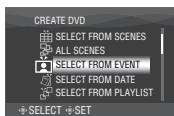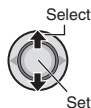
MODE
ON
OFF

CREATE DVD
SELECT FROM SCENES
ALL SCENES
SELECT FROM EVENT
SELECT FROM DATE
SELECT FROM PLAYLIST
SELECT SET

2

DIRECT DVD

ALL WILL
BE CREATED
TIME REQUIRED: 45 MIN.
DVD-RW
EXECUTE
CANCEL
SELECT SET MENU QUIT

3 Select [EXECUTE].

Select

Set

● The DVD disc begins to be created. When [COMPLETED] appears, press down the set lever to complete the operation.
● When [COMPLETED. CHANGE DISC] appears, change the disc. The second DVD disc begins to be created.
● To cancel the DVD creation, select [CANCEL].

■ **To exit the screen**
Press **MENU**, then move the set lever to ∧ / ∨ to select [EXECUTE] and press down.

Selecting and Copying Video Files

After performing step 1 (☞ left column)

2 Select an item and display the DVD Creation List for the files to be copied.

Select

Set

DVD CREATION LIST
ALL
DVD1 01.01.2007 12:04
01.01.2007 12:15
DVD2 01.02.2007 12:04
01.02.2007 12:15
SELECT SET MENU QUIT

● **[SELECT FROM EVENT]:**
Search for an event and display the corresponding files listed by recording date.
Move the set lever to ∧ / ∨ / 〈 / 〉 to select the event, then press down.
● **[SELECT FROM DATE]:**
Display the files recorded on selected dates listed by recording date.
Move the set lever to ∧ / ∨ to select the recording date, then press down.
● **[SELECT FROM PLAYLIST]:**
Register a created playlist. (☞ pg. 34)
Playlists are displayed in a list in the selection order.
1) Move the set lever to ∧ / ∨ to select the desired list, then press down. To select other lists, repeat this process.
2) Move the set lever to 〉 twice.
● **[CREATE DUPLICATE]:**
Create a DVD disc identical to the one created last time. The last creation date is displayed. (Up to 20 files)
Move the set lever to ∧ / ∨ to select the date, then press down.
● **[SELECT FROM SCENES]:**
Register a file individually. Files are displayed in a list in the selection order.
1) Move the set lever to ∧ / ∨ to select the desired file, then press down. To select other files, repeat this process.
2) Move the set lever to 〉 twice.
● **[ALL SCENES]:**
Display all files individually.

Make sure to read "Disc number" (☞ pg. 42) before proceeding to the next procedure.

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Copying Files (Continued)

3 Select the desired disc number.

- If you select [ALL], all discs in the list are created.
- To preview scenes, move the set lever to ∧ / ∨ to select the file and press the **INDEX** button. When the index screen of individual scenes appears, move the set lever to ∧ / ∨ / ‹ / › to select the file, then press down.
  To return to previous screen, press **INDEX**.
- ⊘ mark shows that the disc is created already.

4
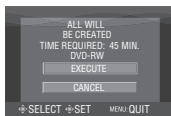
```
ALL WILL
BE CREATED
TIME REQUIRED: 45 MIN.
DVD-RW
  EXECUTE
  CANCEL
⊕SELECT ⊕SET   MENU QUIT
```

5 Select [EXECUTE].

Select
Set

- The DVD disc begins to be created. When [COMPLETED] appears, press down the set lever to complete the operation.
- When [COMPLETED. CHANGE DISC] appears, change the disc. The second DVD disc begins to be created.
- To cancel the DVD creation, select [CANCEL].

■ **To exit the screen**
Press **MENU**, then move the set lever to ∧ / ∨ to select [EXECUTE] and press down.

■ **To check whether the DVD disc was created properly**
In step **2** (☞ pg. 41), move the set lever to ∧ / ∨ to select [PLAY DVD], then press down. To return to the previous screen, press the **INDEX** button.

■ **Disc number**
Disc number shows the number of DVD discs you can create. The dubbing range of each disc is automatically allocated, presuming that all the files are to be dubbed from the first one on the list. This dubbing range cannot be changed.
ex.) "DVD1" records 2 files, "01.01.2007" and "15.01.2007".

```
ALL
DVD1  01.01.2007 12:04
      15.01.2007 12:15
DVD2  01.02.2007 12:04
      08.02.2007 12:15
```
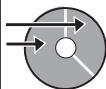
■ **Title and chapter of created DVD**
Each recording date becomes one title in a created DVD and each scene recorded in a same day becomes one chapter in the title.

10.01.2007: records file 1 and 2.

File 1	File 2

11.01.2007: records file 3 and 4.

File 3	File 4

Create a DVD

Title

1	2

File 1	File 2	File 3	File 4

1	2	3	4

Chapter

■ **Menu for disc playback**
When you play back the created DVD disc on a DVD player or other devices, the following top menu will be displayed.

① 25.01.2007   11:09
② DVD 01   ◀▶ 7/53

③ BOSTON 07.01.2007   BOSTON 09.01.2007   BOSTON 11.01.2007 ④

2h 14m
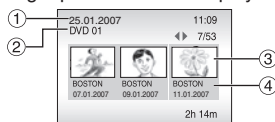
① Disc title: Creating date of the disc
② DVD number (☞ pg. 42)
③ Title thumbnail: First scene of the title
④ Title name: Recording date/Playlist name

Copying Files (Continued)

Using a VCR/DVD Recorder to Dub Files from the Camera

Preparation:
Turn off all units.
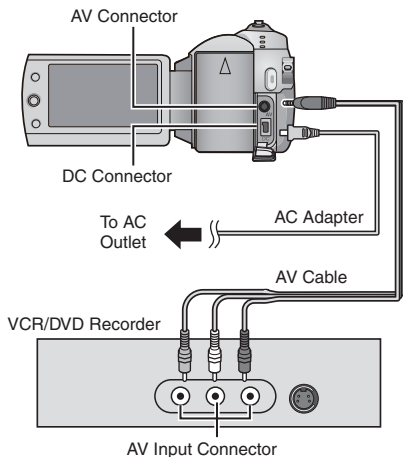
AV Connector

DC Connector

To AC Outlet

AC Adapter

AV Cable

VCR/DVD Recorder

AV Input Connector

GZ-MG275/255/155/135 You can also connect the cables using the Everio dock connectors. The S-Video or DV cable (optional) enables even higher quality dubbing. (☞ pg. 6) When other devices such as a DVD burner are connected to the Everio dock, switch off these devices power.

1 **Set the VCR/DVD recorder to its AUX input mode.**

2 **Start playback on the camera.**
- To play back videos (☞ pg. 24)
- To play back playlists ("When dubbing playlists using a VCR/DVD recorder" ☞ pg. 35)

3 **At the point you want to start dubbing, start recording on the VCR/DVD recorder.**
Refer to the VCR/DVD recorder's instruction manual.

■ **To stop dubbing**
Stop recording on the VCR/DVD recorder, then press the **REC** button again.

NOTE

To make the file to record only the date information among the display indications, set [DISPLAY] to [OFF], [DISPLAY ON TV] to [ON], and [DATE/TIME] to [ON] or [AUTO]. (☞ pg. 49)

Copying/Moving Still Image Files

You can copy or move still image files between the HDD and SD card using the on-screen display.

Preparation:
● Slide the power/mode switch to **MODE** to select ◘ mode.
● Press the **PLAY/REC** button to select playback mode.
● Make sure that SD card is inserted in the SD slot.
● Make sure that enough free space is left in the copy/move destination medium.

1

FUNCTION

```
DELETE
PROTECT
COPY
MOVE
DPOF
EFFECT
```
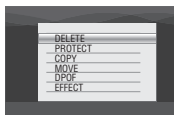
2 Select [COPY] or [MOVE].
● **[COPY]:**
Files are copied to the destination medium while leaving original files in the source medium.
● **[MOVE]:**
Files are moved to the destination medium while deleting original files (except read-only files) in the source medium.

Select

Set

```
IMAGE COPY
MEDIA            HDD  SD
FILE UNIT           ALL
NUMBER OF FILE      0059
        EXECUTE
        CANCEL
◆SELECT ◆SET  FUNC: QUIT
```
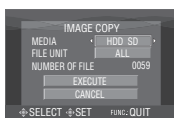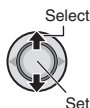
3 Set the direction of copy/move. (HDD → SD or SD → HDD)

4

5 Set the file unit ([ALL] or [FILE]) to copy/move.

● **[FILE]:**
Select when you want to transfer the selected files.
  1) Move the set lever to ∧ / ∨ / ⟨ / ⟩ to select the desired file, then press down.
     ● The ✔ mark appears on the file. To select other files, repeat this step.
  2) Press **FUNCTION**.

● **[ALL]:**
Select when you want to transfer all files in the recording medium.

6 Select [EXECUTE].

Select

Set

File transfer starts. When [COPYING/MOVING COMPLETED] appears, press down the set lever.

■ **To exit the screen**
Press **MENU**, then move the set lever to ∧ / ∨ to select [EXECUTE] and press down.

■ **To stop the file transfer**
  1) Press down the set lever.
  2) Select [EXECUTE] and press down the set lever.

Changing the Menu Settings

ex.) Set [DEMO MODE] to [OFF].

1

MENU

M

```
VIDEO
      REC MEDIA FOR VIDEO
      SCENE COUNTER
      QUALITY
      ZOOM
      DIS
SELECT  SET   MENU QUIT
```

2

```
VIDEO
      REC MEDIA FOR VIDEO
      SCENE COUNTER
      QUALITY
      ZOOM
      DIS
SELECT  SET   MENU QUIT
```

3 Select the desired menu from the first menu item.

- ● **[VIDEO]:**
  Display menus related to ▥ mode.
- ● **[IMAGE]:**
  Display menus related to ▢ mode.
- ● **[GENERAL]:**
  Display menus common to ▥ and ▢ modes.
- ● **[MEDIA]:**
  Display menus related to recording media (HDD and SD cards).

Select

Set

```
GENERAL
      QUICK RESTART
      AUTO POWER OFF
      BRIGHT
      DROP DETECTION
      REMOTE
SELECT  SET   MENU QUIT
```

4 Select the desired menu from the second menu item.

For details on each menu, see below.

Select

Set

```
GENERAL
      ON  ON
      OFF  OFF
SELECT  SET   MENU QUIT
```

5 Select the desired setting from the third menu item.

Select

Set
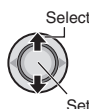
■ **To return to the previous screen**
Move the set lever to ⟨.
■ **To exit the screen**
Press **MENU**.

Menus	Settings: [ ] = Factory-preset
⟐ QUALITY Enables you to set the picture quality for videos.	**ULTRA FINE** / **[FINE]** / **NORMAL** / **ECONOMY**
▲ ZOOM Enables you to set the maximum zoom ratio.	GZ-MG275/255 **10X / [40X] / 300X** GZ-MG155 **32X / [64X] / 800X** GZ-MG135/130 **34X / [68X] / 800X** **NOTE** When the smallest value is set, the optical zoom is used. When one of the larger values is set, the digital zoom is used.

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Menus	Settings: [ ] = Factory-preset
(徵) DIS Compensates for hand shake.	**OFF**: Disables the function. **[ON]**: Activates the function. **NOTES** ● Accurate stabilisation may not be possible if hand shake is excessive, or depending on the shooting conditions. ● Switch off this mode when recording with the camera on a tripod.
⊞ 16:9 WIDE RECORDING Records videos in 16:9 size.	**OFF**: Records videos in 4:3 size. **[ON]**: Records videos in 16:9 size. The **16:9** indicator lights up on the LCD monitor. **NOTES** ● If the recording mode is set to ECONOMY, you cannot record in 16:9 size (the **16:9** indicator lights up blue). ● If you want to burn the recorded videos onto DVD discs, it is recommended not to mix 16:9 size videos and 4:3 size videos. ● If you record videos in 16:9 size, the aspect ratio of the video may be incorrect when watching the videos on your TV. If this occurs, change the settings in [SELECT TV TYPE]. (☞ pg. 49)
AGC GAIN UP Makes the subject appear bright automatically when you record in dark places. However, the overall colour tones appear grayish.	**OFF**: Disables the function. **[ON]**: Activates the function.
≋ WIND CUT Reduces noise caused by wind.	**[OFF]**: Disables the function. **ON**: Activates the function.
⚙ REC MEDIA FOR VIDEO Enables you to set the recording medium for videos.	**[HDD]** / **SD**
⊞ SCENE COUNTER Enables you to set whether to display the scene counter.	**[OFF]**: Disables the function. **ON**: Activates the function.
✦ QUALITY Enables you to set the picture quality for still images.	**[FINE]** / **STANDARD**
GZ-MG275/255/155 **⊞ IMAGE SIZE** Enables you to select the picture size for still images.	GZ-MG275/255 **[1632 x 1224]** / **1280 x 960** / **1024 x 768** / **640 x 480** / **1632 x 912** / **1280 x 720** GZ-MG155 **[1152 x 864]** / **640 x 480**
GZ-MG275/255 **ISO GAIN** You can set the ISO setting to increase the sensitivity in dark conditions.	**[AUTO]** / **100** / **200**

Left vertical labels: **VIDEO** and **IMAGE**

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Changing the Menu Settings (Continued)

Menus	Settings: [ ] = Factory-preset
IMAGE	
GZ-MG155/135/130 **AGC GAIN UP** Makes the subject appear bright automatically when you record in dark places. However, the overall colour tones appear grayish.	**OFF**: Disables the function. **[ON]**: Activates the function.
CONTINUOUS SHOOTING Records still images continuously while the **SNAPSHOT** button is pressed.	**[OFF]**: Disables the function. **ON**: Activates the function. **NOTES** ● The interval between recording still images is approx. 0.3 seconds. ● Continuous shooting may not work well depending on the recording medium. ● The continuous shooting speed will drop if this function is used repeatedly.
SELF-TIMER Starts recording when the set time elapses after the **SNAPSHOT** button is pressed.	**[OFF]** / **2SEC** / **10SEC**
REC MEDIA FOR IMAGE Enables you to set the recording medium for still images.	**[HDD]** / **SD**
GENERAL	
BRIGHT Enables you to set the brightness of the LCD monitor.	Adjust the brightness of the display moving the set lever to ‹ / ›, then press down.
DROP DETECTION Prevents damage to the HDD by turning off the power automatically when the camera detects that it has been dropped.	**OFF**: Disables the function. **[ON]**: Activates the function. To turn the unit on when the drop detection worked, set the power/mode switch to **OFF**, and to **ON** again. **CAUTION** Setting this function to off increases the chances of damaging the built-in hard disk if the camera is accidentally dropped.
REMOTE Turns reception of the operation signal from the remote control on/off.	**OFF**: The camera does not receive the signal from the remote control. **[ON]**: Enables operation with the remote control.
DEMO MODE Introduces special features of the camera at the following cases. ● When the menu screen is closed. ● When there is no operation for about 3 minutes during recording mode.	**OFF**: Disables the function. **[ON]**: Activates the function. **NOTES** ● The demonstration only works when the DC cord is connected, not with the battery. ● If an SD card is in the camera, demonstration will not take place even if this mode is set to [ON].
OPERATION SOUND Enables you to set the operation sound or turn the operation sound on/off.	**OFF**: Turns off the operation sound. **[MELODY]**: The melody sounds when any operation is performed.

Menus	Settings: [ ] = Factory-preset
📺 **SELECT TV TYPE** Enables you to select the TV type when watching files recorded on the camera on your TV.	**4:3** / **[16:9]**
🖽 **DISPLAY** Enables you to set whether to display the on-screen display.	**OFF**: Turns off the on-screen display. **[ON]**: Turns on the on-screen display.
🖽 **DISPLAY ON TV** Used for displaying camera's on-screen display on a TV screen.	**[OFF]**: Does not display on TV. **ON**: Displays on TV. **NOTE** GZ-MG275/255/155/135 This setting is available only if the TV is connected with the AV/S-Video cables. If connected with the DV cable, camera's on-screen display will not be displayed on TV.
🅰 **LANGUAGE** Enables you to set the display language. (☞ pg. 13)	**[ENGLISH]** / **FRANÇAIS** / **DEUTSCH** / **ESPAÑOL** / **ITALIANO** / **NEDERLANDS** / **PORTUGUÊS** / **РУССКИЙ** / **POLSKI** / **ČEŠTINA** / **TÜRKÇE**
🕐 **CLOCK ADJUST** Enables you to set the time. (☞ pg. 13)	**DATE** / **TIME**
📅 **DATE DISPLAY STYLE** Enables you to set the date and time display format.	**DATE STYLE:** **year.month.day** / **month.day.year** / **[day.month.year]** **TIME:** **[24h]** / **12h**
◎ **DATE/TIME** Enables you to set whether to display the current time on the LCD monitor.	**OFF**: The date/time does not appear. **[AUTO]**: The date/time appears for approx. 5 seconds in the following cases. ● When the power/mode switch is set from **OFF** to **ON** ● When playback starts ● When the date is changed during playback **ON**: The date/time is always displayed.
✧ **PRESET** Returns all the camera settings to their default values.	**EXECUTE**: Performs this function. **[CANCEL]**: Returns to the menu screen without executing reset.
⟳ **QUICK RESTART** Enables the camera to start up quickly when you turn the power off and then on again within five minutes by closing and opening the LCD monitor. ("Power-linked operation" ☞ pg. 8)	**OFF**: Disables the function. **[ON]**: Activates the function. The 🎥 or 📷 lamp flashes when closing the LCD monitor. **NOTE** This function is not available during charging.
🔌 **AUTO POWER OFF** If the camera is not operated for 5 minutes while the power is on, it turns itself off automatically to conserve power.	**OFF**: Disables the function. **[ON]**: Activates the function. To turn the camera on again, set the power/mode switch to **OFF**, then to **ON** when using the battery pack. When using the AC adapter, perform any operation such as zooming.

GENERAL

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Changing the Menu Settings (Continued)

Menus	Settings: [ ] = Factory-preset
♨ **CLEAN-UP HDD** Writing speed to HDD tends to become slow after long periods of repeated use. Execute cleanup periodically to regain the writing speed.	Connect the AC adapter. **EXECUTE**: Performs this function. Select [OK] when completed. **[CANCEL]**: Cancels this function. **NOTE** Depending on the condition of the HDD, it may take several minutes for the cleanup process to be completed.
♨ **FORMAT HDD** This will ensure stable speeds and operation when accessing the hard disk drive.	**EXECUTE**: Performs this function. Select [OK] when completed. **[CANCEL]**: Cancels this function. **NOTES** ● Be aware that all files and data including protected files will be erased by the formatting process. ● Do not format the recording medium on your PC.
♨ **DELETE DATA ON HDD** This will make it more difficult to recover data on the HDD which has already been erased. It is recommended that you do this when disposing of the camera to prevent illegal data recovery (using commercially available software).	Connect the AC adapter. **EXECUTE**: Performs this function. Select [OK] when completed. **[CANCEL]**: Cancels this function.
♨ **FORMAT SD CARD** You have to format newly purchased SD cards with this camera before using them. This will also ensure stable speeds and operation when accessing the SD card.	**EXECUTE**: Performs this function. Select [OK] when completed. **[CANCEL]**: Cancels this function. **NOTES** ● Be aware that all files and data including protected files will be erased by the formatting process. ● Do not format the recording medium on your PC.
♨ **VIDEO NO. RESET** ♨ **IMAGE NO. RESET** By resetting the file number (name), a new folder will be made. The new files you are going to make will be stored in the new folder. It is convenient to separate the new files from previously recorded files.	**EXECUTE**: Performs this function. Select [OK] when completed. **[CANCEL]**: Cancels this function.

(Left margin label: ✿ MEDIA)

Troubleshooting

The camera is a microcomputer-controlled device. External noise and interference (from a TV, a radio, etc.) might prevent it from functioning properly.

> **The following phenomena are not malfunctions.**
> - The camera heats up when it is used for a long time.
> - The battery heats up during charging.
> - When playing back a video file, the image stops momentarily or the sound is interrupted at junctions between scenes.

- To solve the problem, first follow the instructions below.
- If the problem is not solved, reset the camera. (☞ below)
- If the problem persists, please consult your nearest JVC dealer.

■ **To reset the camera**
   1) Set the power/mode switch to **OFF** and remove the power supply (battery pack or AC adapter) from the camera, then reattach it.
   2) Execute [PRESET] from the menu. (☞ pg. 49)

	Trouble	Action	☞
Power	**No power is supplied.**	● Connect the AC adapter securely.	12
		● Detach the battery pack once again and re-attach it firmly.	12
		● Replace the dead battery with a fully charged one.	–
	No display appears.	● If the camera is not operated for 5 minutes while the power is on, it turns itself off automatically to conserve power. To turn the camera on again when using the battery pack, set the power/mode switch to **OFF**, then to **ON**. When using the AC adapter, perform any operation such as zooming.	–
		● Adjust the brightness of the LCD monitor.	48
	The power was turned off accidentally.	● Move to a place where no vibration or excessive sound.	–
		● The drop detection function operated. Set the power/mode switch to **OFF**, and to **ON** again. To turn off this function, set [DROP DETECTION] to [OFF].	48
	The displayed amount of remaining battery power differs from the actual operating time.	● Fully charge the battery, and then run it down. If the problem persists, the battery is worn out and needs to be replaced. Please purchase a new one.	12
	The power does not turn on, or the battery operation time is extremely short even after the battery is fully charged.	● Make sure to use the camera under appropriate operating temperatures.	55
		● The battery is worn out and needs to be replaced. Please purchase a new one.	–
	The access/charge lamp on the camera does not light during charging.	● Charging is difficult in places subject to extremely high/low temperatures. To protect the battery, it is recommended to charge it in places with a temperature of 10°C to 35°C.	–
		● When the battery is already fully charged, the lamp does not light. Check the remaining battery power.	14

Troubleshooting (Continued)

Trouble	Action	☞
Displays		
Images on the LCD monitor appear dark or whitish.	● Adjust the brightness and angle of the LCD monitor. ● When the LCD monitor's LED light reaches the end of its service life, images on the LCD monitor become dark. Consult your nearest JVC dealer.	48 –
Coloured bright spots appear on the LCD monitor.	● The LCD monitor is made with high precision technology. However, black spots or bright spots of light (red, green or blue) may appear constantly on the LCD monitor. These spots are not recorded on the picture. This is not due to any defect of the unit. (Effective dots: more than 99.99 %)	–
Aspect ratio of the image is strange when watching images on your TV.	● Change the settings in [SELECT TV TYPE] so that it matches the screen size of the connected TV.	49
Recording		
Recording cannot be performed.	● Recording medium is full. Delete unnecessary files or replace the SD card. ● Select the recording medium properly.	30 47, 48
Vertical lines appear on recorded images.	● Such a phenomenon occurs when shooting a subject illuminated by bright light. This is not a malfunction.	–
The LCD monitor becomes red or black for an instant.	● Such a phenomenon occurs when shooting under direct sunlight. This is not a malfunction.	–
During recording, the date/time does not appear.	● Set [DATE/TIME] to [ON].	49
During video recording, the ●REC indicator flashes.	● The temperature of the camera is increasing. If the camera continues to heat up, recording may be stopped to protect the recording medium. In this case, turn off the power, and then wait until the camera cools down.	–
The LCD monitor indications blink.	● Certain modes of program AE, effect, DIS, and other functions that cannot be used together are selected at the same time.	–
Digital zoom does not work.	● Change the settings in [ZOOM]. ● Digital zoom is not available in the still image recording mode.	46 –
The focus is not adjusted automatically.	● Set focus to the automatic mode. ● Clean the lens and check the focus again.	22 55
The colour of the image looks strange.	● Wait to become natural colour. The camera adjusts the white balance automatically but it takes a time. ● Try manual white balance adjustment. ● In bright places, setting "Nightscope" or a slow speed is not recommended. ● When the recorded image is too dark, try backlight compensation or adjust brightness. ● When the recorded image is too bright, try adjust brightness.	– 23 – 21, 22 22

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Trouble	Action	☞
Recording		
White balance setting cannot be activated.	● Do not select the sepia (SEPIA) or monotone (MONOTONE) mode before setting white balance.	23
The continuous shooting speed is slow.	● The continuous shooting speed will drop when repeatedly making continuous shots, when using certain recording media, or under certain recording conditions.	–
Playback		
Playback cannot be performed.	● Select the recording medium properly. ● To watch images on a TV, set the TV's input mode or channel that is appropriate for video playback.	47, 48 29
The black & white fader does not work.	● Do not select the sepia (SEPIA) or monotone (MONOTONE) mode before setting white balance.	28
There is a noise during playback.	● The sound of the hard disk drive may have been recorded if the camera was moved suddenly during recording. Do not move or shake the camera suddenly during recording.	–
During video playback, the ▶ indicator flashes.	● The temperature of the camera is increasing. If the camera continues to heat up, playback may be stopped to protect the recording medium. In this case, turn off the power, and then wait until the camera cools down.	–
Other problems		
Files cannot be deleted.	● Remove protection from the files and delete them.	31
When the image is printed from the printer, a black bar appears at the bottom of the screen.	● This is not a malfunction. This can be avoided by recording with DIS activated.	47
The data process is too slow after the power is switched on or the mode is changed.	● There is a large number of still images (approx. 1,000 or more) stored in the recording medium. Copy the stored files to a PC, and delete them from the recording medium.	30
The SD card cannot be removed from the camera.	● Push the SD card in a few more times.	15
The CREATE DVD screen is displayed in the LCD monitor, and no other operations can be performed.	● Another operation is being attempted while a DVD burner that is switched on is connected. Switch off the DVD burner power, and switch the camera's power off and back on again.	–

Warning Indications

Indication	Meaning/Action	☞
▱ (Battery indicator)	● Displays the remaining battery power. ▱ ⟶ ▱ ⟶ ▱ ⟶ ▱ High Exhausted	–
	● As the battery power comes close to nil, the battery indicator blinks. When the battery power is exhausted, power turns off automatically.	–
SET DATE/TIME!	● Appears when the date/time is not set. ● The built-in clock's rechargeable lithium battery is discharged, so the previously set date/time is erased. Connect the camera to an AC outlet using the AC adapter for over 24 hours to charge the clock's lithium battery. Then set the date/time.	13 12
LENS COVER	● Appears for 5 seconds after power is turned on in recording mode if the lens cover is closed or when it is dark.	–
HDD ERROR! MEMORY CARD ERROR!	● Remove the card once and insert it again. If the error is not cancelled, replace the card with one that has been guaranteed for correct operation. ● Perform clean up to restore the capacity of the recording media.	15 50
CHECK CARD'S WRITE PROTECTION SWITCH	● Appears when you attempt recording when the write/erase protection tab on the SD card is set to the "LOCK" position.	30
VIDEO MANAGEMENT FILE IS BROKEN. TO RECORD/PLAYBACK VIDEO, RECOVERY IS REQUIRED. RECOVER?	● The video management file is broken. Recovery is required to record or play back video files. Move the set lever to ∧ / ∨ to select [YES], then press down to recover the video management file.	–
CAN NOT READ EVENT INFORMATION	● Appears when the event information cannot be read.	–
RECORDING FAILURE	● Performance of recording medium is poor. Use the Cleanup function. ● The writing speed of recording medium is slow, or the recording medium is corrupted. Use an SD card that is guaranteed to operate. ● The recording medium was subjected to vibrations or jolts. Be careful not to subject the recording medium to vibrations or jolts. ● Appears when the recording medium is full and recording is not possible. Delete unnecessary files, or replace the SD card.	50 15 – 30
INCOMPATIBLE USB DEVICE	● Appears when an incompatible USB device is connected to the camera. ● Appears when a DVD burner that is switched off is connected. If you want to use the DVD burner, switch the power on.	– –

Indication	Meaning/Action	☞
RECORDING MAY NOT BE CORRECT ON THE MEMORY CARD	● The data may not be recorded on the recording medium correctly. Try recording again. ● Otherwise, clean up the recording medium.	– 50
DROP DETECTION WORKED AND THE POWER IS TURNED OFF	● To turn the unit on again, set the power/mode switch to **OFF**, and to **ON** again.	–

Cleaning

Before cleaning, turn off the camera and remove the battery pack and AC adapter.

■ **To clean the exterior**
Wipe gently with a soft cloth. If the camera is particularly dirty, dip the cloth into diluted mild soap and wring it out well before wiping. Then wipe again with a dry cloth.

■ **To clean the LCD monitor**
Wipe gently with a soft cloth. Be careful not to damage the monitor.

■ **To clean the lens**
Wipe gently with lens cleaning paper.

NOTES
● Avoid using strong cleaning agents such as benzine or alcohol.
● Mould may form if the lens is left dirty.
● When using a cleaner or chemically treated cloth, refer to the cautions for each product.

Specifications

Camera

■ **For general**
Power supply
DC 11 V (Using AC adapter)
DC 7.2 V (Using battery pack)
Power consumption
GZ-MG275/255
Approx. 3.8 W
GZ-MG155
Approx. 3.2 (3.4)* W
*When using the LED light
GZ-MG135/130
Approx. 3 (3.2)* W
*When using the LED light
Dimensions (W x H x D)
66 mm x 71 mm x 110 mm

Weight
GZ-MG275/255
Approx. 355 g
(incl. strap)
Approx. 400 g
(incl. battery and strap)
GZ-MG155
Approx. 330 g
(incl. strap)
Approx. 375 g
(incl. battery and strap)
GZ-MG135/130
Approx. 320 g
(incl. strap)
Approx. 365 g
(incl. battery and strap)
Operating temperature
0°C to 40°C
Operating humidity
35% to 80%
Storage temperature
–20°C to 50°C

Specifications

Pickup

`GZ-MG275/255`
1/3.9" (2,180,000 pixels) CCD
`GZ-MG155`
1/6" (1,070,000 pixels) CCD
`GZ-MG135/130`
1/6" (800,000 pixels) CCD

Lens

`GZ-MG275/255`
F 1.2 to 2.0, f = 3.8 mm to 38 mm, 10:1 power zoom lens
`GZ-MG155`
Video: F 1.8 to 4.5, f = 2.5 mm to 80 mm, 32:1 power zoom lens
Still image: F 1.9 to 4.5, f = 2.9 mm to 80 mm, 27:1 power zoom lens
`GZ-MG135/130`
F 2.0 to 4.7, f = 2.3 mm to 78.2 mm, 34:1 power zoom lens

Filter diameter
ø30.5 mm

LCD monitor
2.7" diagonally measured, LCD panel/TFT active matrix system

Speaker
Monaural

`GZ-MG275/255` **Flash**
Within 2 m
(recommended shooting distance)

`GZ-MG155/135` **LED Light**
Within 1.5 m
(recommended shooting distance)

Language
English/French/German/Spanish/Italian/Dutch/Portuguese/Russian/Polish/Czech/Turkish

■ **For video/Audio**

Format
SD-VIDEO

Recording/Playback format
Video: MPEG-2
Audio: Dolby Digital (2 ch)

Signal format
PAL standard

Recording mode (video)
ULTRA FINE: 720 x 576 pixels, 8.5 Mbps (VBR)
FINE: 720 x 576 pixels, 5.5 Mbps (VBR)
NORMAL: 720 x 576 pixels, 4.2 Mbps (VBR)
ECONOMY: 352 x 288 pixels, 1.5 Mbps (VBR)

Recording mode (audio)
ULTRA FINE: 48 kHz, 384 kbps
FINE: 48 kHz, 384 kbps
NORMAL: 48 kHz, 256 kbps
ECONOMY: 48 kHz, 128 kbps

■ **For still image**

Format
JPEG

Image size
`GZ-MG275/255`
6 modes (1632 x 1224 / 1280 x 960 / 1024 x 768 / 640 x 480 / 1632 x 912 / 1280 x 720)
`GZ-MG155`
2 modes (1152 x 864 / 640 x 480)
`GZ-MG135/130`
1 mode (640 x 480)

Picture quality
2 modes (FINE/STANDARD)

■ **For connectors**
`GZ-MG275/255/155/135` **DV output**
4-pin (I.LINK/IEEE1394 compliant)
`GZ-MG275/255/155/135` **S output**
Y: 1.0 V (p-p), 75 Ω
C: 0.3 V (p-p), 75 Ω

AV output
Video output: 1.0 V (p-p), 75 Ω
Audio output: 300 mV (rms), 1 kΩ

USB
Mini USB type A and type B, USB 2.0 compliant

AC Adapter

Power requirement
AC 110 V to 240 V∿, 50 Hz/60 Hz
Output
DC 11 V ⎓, 1 A

GZ-MG275/255/155/135 **Remote Control**

Power supply
DC 3 V
Battery life
Approx. 1 year (depending on the frequency of use)
Operating distance
Within 5 m
Operating temperature
0°C to 40°C

Dimensions (W x H x D)
42 mm x 14.5 mm x 91 mm
Weight
Approx. 30 g
(incl. battery)

Design and specifications subject to change without notice.

Approximate recording time (minutes) (for video)

Recording medium Quality	HDD		SD Card					
	30 GB*1	40 GB*2	128 MB	256 MB	512 MB	1 GB	2 GB	4 GB
ULTRA FINE	430	570	1	3	7	14	29	57
FINE	640	850	2	5	10	22	43	85
NORMAL	850	1130	3	7	14	29	57	113
ECONOMY	2250	3000	9	19	38	77	152	298

*1 GZ-MG255/155/135/130
*2 GZ-MG275

Approximate number of storable images (for still image)

	Recording medium Image size/Quality	HDD	SD Card					
			128 MB	256 MB	512 MB	1 GB	2 GB	4 GB
4:3	1632 x 1224 / FINE*3	9999	140	280	560	1135	2195	4310
	1632 x 1224 / STANDARD*3	9999	235	470	935	1890	3615	7095
	1280 x 960 / FINE*3	9999	215	430	855	1735	3415	6700
	1280 x 960 / STANDARD*3	9999	355	705	1405	2835	5585	9999
	1152 x 864 / FINE*4	9999	270	535	1065	2150	4095	8045
	1152 x 864 / STANDARD*4	9999	410	820	1625	3285	6145	9999
	1024 x 768 / FINE*3	9999	325	650	1285	2600	5120	9999
	1024 x 768 / STANDARD*3	9999	520	1040	2060	4160	7680	9999
	640 x 480 / FINE*3, 4	9999	780	1560	3090	6245	9999	9999
	640 x 480 / STANDARD*3, 4	9999	1115	2225	4420	8920	9999	9999
	640 x 480 / FINE*5	9999	521	1040	2062	4164	7683	9999
	640 x 480 / STANDARD*5	9999	1118	2229	4420	8923	9999	9999
16:9	1632 x 912 / FINE*3	9999	185	370	735	1485	2925	5745
	1632 x 912 / STANDARD*3	9999	285	575	1145	2310	4390	8620
	1280 x 720 / FINE*3	9999	285	575	1145	2310	4390	8620
	1280 x 720 / STANDARD*3	9999	430	865	1715	3470	6830	9999

*3 GZ-MG275/255
*4 GZ-MG155
*5 GZ-MG135/130

Cautions

Battery Packs

The supplied battery pack is a lithium-ion battery. Before using the supplied battery pack or an optional battery pack, be sure to read the following cautions:

Terminals

- **To avoid hazards**
- ... **do not** burn.
- ... **do not** short-circuit the terminals. Keep it away from metallic objects when not in use. When transporting, make sure the provided battery cap is attached to the battery. If the battery cap is misplaced, carry the battery in a plastic bag.
- ... **do not** modify or disassemble.
- ... **do not** expose the battery to temperatures exceeding 60°C, as this may cause the battery to overheat, explode or catch fire.
- ... use only specified chargers.
- **To prevent damage and prolong service life**
- ... do not subject to unnecessary shock.
- ... charge within the temperature range of 10°C to 35°C. This is a chemical reaction type battery — cooler temperatures impede chemical reaction, while warmer temperatures can prevent complete charging.
- ... store in a cool, dry place. Extended exposure to high temperatures will increase natural discharge and shorten service life.
- ... fully charge and then fully discharge the battery every 6 months when storing the battery pack over a long period time.
- ... remove from charger or powered unit when not in use, as some machines use current even when switched off.
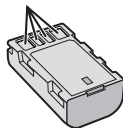
Recording Medium

- **Be sure to follow the guidelines below to prevent corruption or damage to your recorded data.**
  - Do not bend or drop the recording medium, or subject it to strong pressure, jolts or vibrations.
  - Do not splash the recording medium with water.
  - Do not use, replace, or store the recording medium in locations that are exposed to strong static electricity or electrical noise.
  - Do not turn off the camera power or remove the battery or AC adapter during shooting, playback, or when otherwise accessing the recording medium.
  - Do not bring the recording medium near objects that have a strong magnetic field or that emit strong electromagnetic waves.
  - Do not store the recording medium in locations with high temperature or high humidity.
  - Do not touch the metal parts.
- When formatting or erasing data using the camera, only the file administration information is changed. The data is not completely erased from the hard disk. If you want to completely erase all of the data, we recommend either using commercially available software that is specially designed for that purpose, or by physically destroying the camera with a hammer etc.

LCD Monitor

- **To prevent damage to the LCD monitor, DO NOT**
- ... push it strongly or apply any shocks.
- ... place the camera with LCD monitor on the bottom.
- **To prolong service life**
- ... avoid rubbing it with coarse cloth.

Main Unit

- **For safety, DO NOT**
... open the camera's chassis.
... disassemble or modify the unit.
... allow inflammables, water or metallic objects
    to enter the unit.
... remove the battery pack or disconnect the
    power supply while the power is on.
... leave the battery pack attached when the
    camera is not in use.
... place naked flame sources, such as lighted
    candles, on the apparatus.
... expose the apparatus to dripping or splashing.
- **Avoid using the unit**
... in places subject to excessive humidity or dust.
... in places subject to soot or steam such as
    near a cooking stove.
... in places subject to excessive shock or
    vibration.
... near a television set.
... near appliances generating strong magnetic
    or electric fields (speakers, broadcasting
    antennas, etc.).
... in places subject to extremely high (over 40°C)
    or extremely low (under 0°C) temperatures.
... in places subject to the air pressure is low
    (more than 3000 m (9870 ft) above the sea
    level).
- **DO NOT leave the unit**
... in places of over 50°C.
... in places where humidity is extremely low
    (below 35%) or extremely high (above 80%).
... in direct sunlight.
... in a closed car in summer.
... near a heater.
... in high places such as on a TV. Leaving the
    unit in high places while a cable is connected
    may result in a malfunction if the cable is
    caught and the unit falls onto the floor.
- **To protect the unit, DO NOT**
... allow it to become wet.
... drop the unit or strike it against hard objects.
... subject it to shock or excessive vibration
    during transportation.
... keep the lens directed at extremely bright
    objects for long periods.
... expose the lens to direct sunlight.
... swing it excessively when using the hand
    strap.
... swing the soft camera case excessively when
    the camera is inside it.

How to Handle a CD-ROM

- Take care not to soil or scratch the mirror
  surface (opposite to the printed surface). Do
  not write anything or put a sticker on either
  the front or back surface. If the CD-ROM gets
  dirty, gently wipe it with a soft cloth outward
  from the centre hole.
- Do not use conventional disc cleaners or
  cleaning spray.
- Do not bend the CD-ROM or touch its mirror
  surface.
- Do not store your CD-ROM in a dusty, hot or
  humid environment. Keep it away from direct
  sunlight.

Dear Customer,   **[European Union]**

This apparatus is in conformance with the
valid European directives and standards
regarding electromagnetic compatibility and
electrical safety.

European representative of Victor Company of
Japan Limited is:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Germany

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Terms

JVC

JVC

EN

PC OPERATION GUIDE

Dear Customer
- Some of the camera illustrations in this instruction manual may differ slightly from your camera.
- Windows® is either registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- Macintosh is a registered trademark of Apple Computer, Inc.
- Other product and company names included in this instruction manual are trademarks and/or registered trademarks of their respective holders.

For All Users

IMPORTANT
TO CUSTOMERS: PLEASE MAKE SURE
TO READ THIS CAREFULLY BEFORE
INSTALLING OR USING THE SOFTWARE
PROGRAM NAMED "DIGITAL PHOTO
NAVIGATOR" ("Program") ON YOUR PC.
The right to use the Program is granted by Victor
Company of Japan, Limited ("JVC") to You only
on the condition that You agree to the following.
Should You not agree to the terms hereof, You
may not install or use the Program. HOWEVER,
INSTALLING OR USING THE PROGRAM
INDICATES YOUR ACCEPTANCE OF THESE
TERMS AND CONDITIONS.

1 COPYRIGHT; OWNERSHIP
You acknowledge that all copyrights and other
intellectual property rights in the Program are
owned by JVC and its licensor, and remain
vested in JVC and such licensor. The Program is
protected under the copyright law of Japan and
other countries, and related Conventions.

2 GRANT OF LICENSE
(1) Subject to the conditions of this Agreement,
    JVC grants to You a non-exclusive right to
    use the Program. You may install and use
    the Program on a HDD or other storage
    devices incorporated in Your PC.
(2) You may make one (1) copy of the Program
    solely for your personal backup or archival
    purposes.

3 RESTRICTION ON THE PROGRAM
(1) You may not reverse engineer, decompile,
    disassemble, revise or modify the Program,
    except to the extent that expressly permitted
    by applicable law.
(2) You may not copy or use the Program, in
    whole or in part, other than as expressly
    specified in this Agreement.
(3) You have no right to grant a license to use
    the Program, and may not distribute, rent,
    lease or transfer the Program to any third
    party or otherwise let them use the Program.

4 LIMITED WARRANTY
JVC warrants that any media in which the
Program is embodied are free from any
defects in materials and workmanship for a
period of thirty (30) days from the date of Your
purchasing any our products accompanying
the Program. JVC's entire liability and your
exclusive remedy in connection with the
Program shall be replacement of such defective
media. EXCEPT FOR THE EXPRESS
WARRANTIES STATED HEREIN AND TO
THE EXTENT PERMITTED BY APPLICABLE
LAW, JVC AND ITS LICENSORS DISCLAIM
ANY OTHER WARRANTIES, EITHER
EXPRESS OR IMPLIED, INCLUDING BUT
NOT LIMITED TO IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE IN REGARD TO
THE PROGRAM AND THE ACCOMPANYING
PRINTED MATERIALS. SHOULD THERE BE
ANY PROBLEM ARISING FROM OR CAUSED
BY THE PROGRAM, YOU SHOULD SETTLE
ALL SUCH PROBLEM AT YOUR OWN COST
AND EXPENSE.

5 LIMITED LIABILITY
TO THE EXTENT PERMITTED BY
APPLICABLE LAW, IN NO EVENT SHALL
JVC AND ITS LICENSORS BE LIABLE FOR
ANY INDIRECT, SPECIAL, INCIDENTAL
OR CONSEQUENTIAL DAMAGES
WHATSOEVER, REGARDLESS OF THE
FORM OF ACTION WHETHER IN CONTRACT,
TORT OR OTHERWISE ARISING OUT OF
OR IN CONNECTION WITH THE USE OF
OR INABILITY TO USE THE PROGRAM,
EVEN IF JVC HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES. YOU
WILL INDEMNIFY AND HOLD HARMLESS
JVC FROM ANY LOSS, LIABILITY OR
COST ARISING OUT OF OR IN ANY WAY
CONNECTED TO CLAIMS FROM ANY THIRD
PARTY RELATING TO THE USE OF THE
PROGRAM.

6 TERM

This Agreement will become effective on the date when You install and use the Program on Your machine, and continue to be in effect until the termination under the following provision. Should You breach any provision of this Agreement, JVC may terminate this Agreement without giving any notice to You. In this event, JVC may claim against You for any damages caused by Your breach. Should this Agreement be terminated, You must immediately destroy the Program stored in Your machine (including the erasing from any memory in Your PC), and no longer own such Program.

7 EXPORT CONTROL

You agree that You will not ship, transfer or export the Program or underlying information and technology to any countries to which Japan and other relevant countries have initiated an embargo on such goods.

8 U.S. GOVERNMENT USER

If You are an agency of the United States of America (the "Government"), You acknowledge JVC's representation that the Program is a "Commercial Item" as defined in Federal Acquisition Regulation (FAR) part 2.101 (g) consisting unpublished "Commercial Computer Software" as those items are used at FAR part 12.212 and is only licensed to You with the same use rights JVC grants all commercial end users pursuant to the terms of this Agreement.

9 GENERAL

(1) No modification, change, addition, deletion or other alternation of or to this Agreement will be valid unless reduced to writing and signed by an authorized representative of JVC.

(2) If any part of this Agreement is held invalid by or in conflict with any law having jurisdiction over this Agreement, the remaining provisions will remain in full force and effect.

(3) This Agreement shall be governed by and interpreted under the laws of Japan. The Tokyo District Court has jurisdiction over all disputes which may arise with respect to the execution, interpretation and performance of this Agreement.

Victor Company of Japan, Limited

NOTE

If You acquired the Program in Germany, the provisions of Sections 4 (Limited Warranty) and 5 (Limited Liability) provided above will be replaced with those of the German version of this Agreement.

CAUTION:

• Operate this equipment according to the operating procedures described in this manual.
• Use only the provided CD-ROM. Never use any other CD-ROM to run this software.
• Do not attempt to modify this software.
• Changes or modifications not approved by JVC could void user's authority to operate the equipment.

How to handle a CD-ROM

• Take care not to soil or scratch the mirror surface (opposite to the printed surface). Do not write anything or put a sticker on either the front or back surface. If the CD-ROM gets dirty, gently wipe it with a soft cloth outward from the center hole.
• Do not use conventional disc cleaners or cleaning spray.
• Do not bend the CD-ROM or touch its mirror surface.
• Do not store your CD-ROM in a dusty, hot or humid environment. Keep it away from direct sunlight.

You can find the latest information (in English) on the provided software program at our world wide web server at http://www. jvc-victor.co.jp/english/global-e.html

Contents

Remember to back up your files to your computer!
Creating room in the Everio's hard disk clears space for you to store your next masterpiece.

File Backup on the PC (Windows®)

Install the software that came with your Everio.
You can back up your files on your computer with a simple one-touch operation, edit your files on your computer, and also create DVDs.
If you cannot install the software, you can still back up your files on your computer. (☞ pg. 13)

Settings:
You can perform detailed settings for each item.

Function Explanation:
Select a function on the right, and an explanation is displayed.

Tutorial:
The operating procedure for each function is displayed.
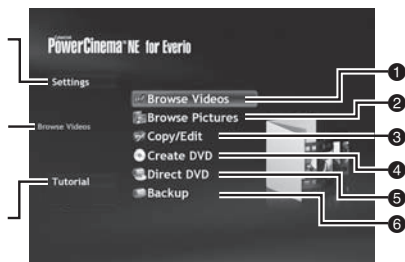
❶ Plays back video files on the PC (☞ pg. 10)

❷ Plays back still image files on the PC (☞ pg. 10)
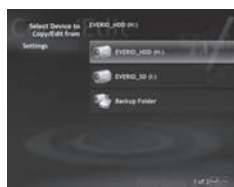
❸ Edits files on the PC
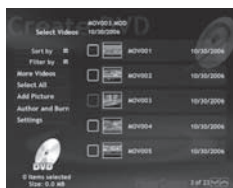
❹ Burns files that are backed up on the PC onto a DVD
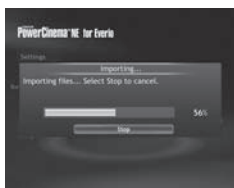
❺ Creates a DVD-Video (☞ pg. 14)
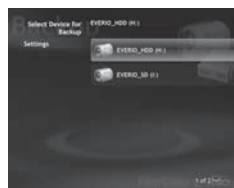
❻ Backs up camera files onto the PC (☞ pg. 11)

5

File Backup on the PC (Windows®) (continued)

System Requirements

OS:
Windows® XP Home Edition [XP] (pre-installed),
or Windows® XP Professional [XP] (pre-installed)
CPU:
Intel® Pentium® 4, at least 1.6 GHz
(at least 2.2 GHz recommended)
Intel® Pentium® M, at least 1.4 GHz
RAM:
At least 256 MB (at least 512 MB recommended)
Free hard disk space:
At least 550 MB for installation
For creating DVD-Video, at least 10 GB recommended
For creating VCD, at least 1 GB recommended
Connector:
USB 2.0 connector
Display:
Must be capable of displaying 1024 x 600 dots (VRAM: 128 MB and more recommended)

Miscellaneous:
Internet Explorer 5.5 or later
DirectX 9.0 or later
DirectX is automatically installed during installation.
Supported media:
DVD-Video: DVD-R/-RW, DVD+R/+RW
DVD-VR: DVD-RW, DVD-RAM
DVD+VR: DVD+RW
VideoCD: CD-R/RW
For the compatible DVD burners, refer to CyberLink web site:
http://www.cyberlink.com/english/products/powerproducer/3/comp_dvd_drives.jsp

NOTE

The system requirements information is not a guarantee that the provided software will work on all personal computers meeting those requirements.

Software Installation

The following software is included in the CD-ROM that came with your Everio.
- **CyberLink DVD Solution**
  Comprehensive application software that consists of the following 3 software.
  PowerCinema NE for Everio
  The main authoring software. You can perform various operations such as file backup, playback, and editing from the top menu of this software.
  PowerProducer 3 NE
  Allows you to create DVDs with more specified settings. Automatically starts from an operation in PowerCinema NE for Everio.
  PowerDirector 5 NE Express
  Allows you to edit files on your PC. Automatically starts from an operation in PowerCinema NE for Everio.
- **Digital Photo Navigator 1.5**
  Allows you to change the format of still image files backed up on your computer.
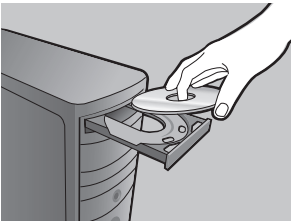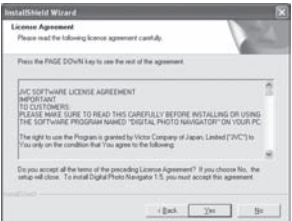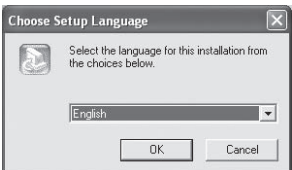
Preparation: Quit any other software you are using. (Check that there are no other application icons on the status bar.)

❶

Load the provided CD-ROM into the PC.
After a moment, the [SETUP] screen appears. If the [SETUP] screen does not appear, double-click the CD-ROM icon in the [My Computer].

❷

Click [Easy Installation].
If you want to specify the type of software to install or the installation destination folder etc., select [Custom Installation].
Follow the instructions on the screen to install the software.

❸

Click [Yes].

❹

Select the desired language and click [OK].

7

File Backup on the PC (Windows®) (continued)

5
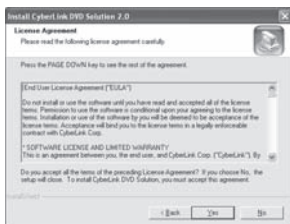
Click [Yes].
The software installation starts.

6

Click [Finish].

When installation is completed

The installed software is displayed in [All Programs].
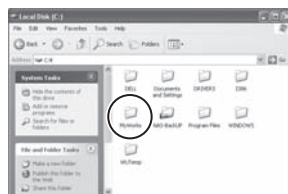
The backup destination folder [MyWorks] for files is created on the hard disk drive that has the most free space.

Connecting the Camera to the PC

Preparation: Set the camera's power/mode switch to **OFF**.

USB Connector

DC Connector

USB Cable

AC Adapter

AC Outlet

USB Connector

NOTE

• When the USB cable is connected, turning on or off the camera causes malfunctions of the PC.
• Connect the camera directly to the PC, not through the hub.
• Do not use an extension USB cable.
• Saving the wrong kinds of files in a recording medium or deleting files or folders from a recording medium can cause problems with the operation of the camera. When it is necessary to delete a file from a recording medium, delete it through the camera. Also, do not move or rename folders and files in the medium on PC.
• Never disconnect the USB cable while the access/charge lamp on the camera lights or blinks.

When you have finished operation

Always follow the procedures below when disconnecting the camera, or turning off the camera/computer power.
Failing to do so may cause damage to the camera and computer.

➊ **Confirm that the access/charge lamp on the camera does not light or blink.**
   If the access/charge lamp lights or blinks, wait until it is turned off before proceeding.

➋ **Double-click the [Safely Remove Hardware] or [Unplug or Eject Hardware] icon in the status bar.**

➌ **Select [USB Mass Storage Device] or [USB Disk], and then click [Stop].**

➍ **Click [OK].**
   The model name depends on the connected camera.

➎ **Disconnect the USB cable.**

➏ **Turn off the camera and PC.**

NOTE

If you make a mistake operating the camera, you cannot return to the previous screen in order to perform the operation again. Follow the procedure above to switch off the camera's power, then perform the operation again from the beginning.

9

File Backup on the PC (Windows®) (continued)

Playing back Files on the PC

Preparation: • Install the software from the included CD-ROM. (☞ pg. 6)
 • Connect the camera to the computer with the USB cable. (☞ pg. 9)
 • Set the camera's power/mode switch to **ON**.

➊
PLAYBACK ON PC
CONNECT TO DEVICE
CREATE DVD
BACK UP
DIRECT PRINT

◈SELECT ◈SET   MENU:QUIT

On the camera:
Move the set lever to ∧ / ∨ to select [PLAYBACK ON PC], then press down.
• A dialog box is displayed on the PC screen. However, you do not need to use the dialog box.
• PowerCinema starts.

➋
PowerCinema® NE for Everio

Settings
Browse Videos   Browse Videos
                   Browse Pictures
                   Copy/Edit
Tutorial   Create DVD
Help   Direct DVD
                   Backup

On the PC:
Click [Browse Videos] (for video playback) or [Browse Pictures] (for still image playback).

➌
Select Device to Browse   EVERIO_HDD (H:)
Return
           EVERIO_HDD (H:)
           EVERIO_SD (I:)
           Backup Folder
           Local Disk (C:)

                           1 of 4

Click the media that contains desired files.
• **EVERIO_HDD:**
 Plays back the files stored in the camera's HDD.
• **EVERIO_SD:**
 Plays back the files stored in the camera's SD card.
• **Backup Folder:**
 Plays back the files stored in the PC backup folder (☞ pg. 8).

➍
                MOV001.MOD
PRG001 10/30/2006 59.46 MB
Sort by
Filter by
View by   MOV00F MOV010 MOV011

              MOV012 MOV013 MOV014

              MOV015 MOV016 MOV017
                                1 of 23

Click the desired file.
You can use the convenient file search function.
• **Sort by:**
 The order of files is rearranged according to item that you selected.
• **Filter by:**
 Files are filtered according to the item that you selected.

NOTE

• Only files (extension ".mod") shot using Everio can be played back.
• Files that were edited using PowerDirector should be read and played back with

10 PowerDirector.

File Backup on the PC

This method uses the included software to back up files onto your computer.
Video files that have never been backed up onto the connected computer are automatically selected from the back up history and backed up.
If you could not install the software, turn to pg. 13 for details of how to back up your files without using this software.

Preparation: • Install the software from the included CD-ROM. (☞ pg. 6)
• Connect the camera to the computer with the USB cable. (☞ pg. 9)
• Set the camera's power/mode switch to **ON**.

❶
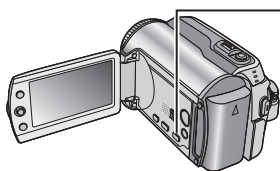
On the camera:
Press [DIRECT BACK UP].
• A dialog box is displayed on the PC screen. However, you do not need to use the dialog box.
• PowerCinema starts.

❷

On the PC:
File copy starts.
Click [Cancel] to cancel the procedure.

❸

When the progress bar disappears, and the screen on the left is displayed, the process is complete.

11

File Backup on the PC (Windows®) (continued)

File Backup from the specified media

Preparation: • Install the software from the included CD-ROM. (☞ pg. 6)
  • Connect the camera to the computer with the USB cable. (☞ pg. 9)
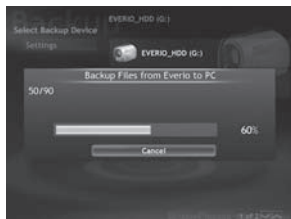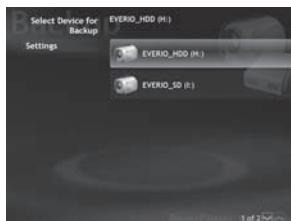 • Set the camera's power/mode switch to **ON**.

➊

PLAYBACK ON PC
CONNECT TO DEVICE
CREATE DVD
BACK UP
DIRECT PRINT

⬥SELECT ⬥SET   MENU:QUIT
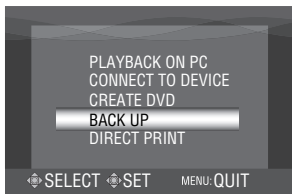
On the camera:
Move the set lever to ∧ / ∨ to select [BACK UP], then press down.
• A dialog box is displayed on the PC screen. However, you do not need to use the dialog box.
• PowerCinema starts.

➋

Select Device for Backup   EVERIO_HDD (H:)

Settings

EVERIO_HDD (H:)

EVERIO_SD (E:)

1 of 2
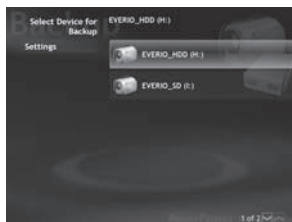
On the PC:
Click [EVERIO_HDD] or [EVERIO_SD].
Turn to pg. 11 and see step ➋ and onwards for details on this operation.

NOTE

When backup is performed, a folder for each of the media (HDD or SD) stored in the [MyWorks] folder (☞ pg. 8) is created, and the files are backed up inside those folders. (If backup is performed from more than one camera HDD, that number of HDD folders is created.)

12

File Backup on the PC without using Software

Preparation: • Connect the camera to the computer with the USB cable. (☞ pg. 9)
　　　　　　　 • Set the camera's power/mode switch to **ON**.
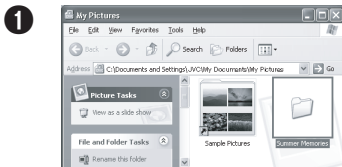
❶ **On the PC:**
Create a folder to back up files into.

❷ **On the camera:**
Move the set lever to ∧ / ∨ to select
[PLAYBACK ON PC], then press down.

PLAYBACK ON PC
CONNECT TO DEVICE
CREATE DVD
BACK UP
DIRECT PRINT

◆SELECT ◆SET MENU: QUIT
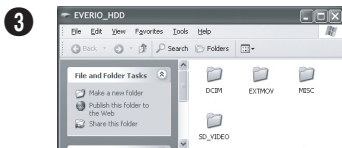
❸ **On the PC:**
Double-click [EVERIO_HDD] or [EVERIO_SD].
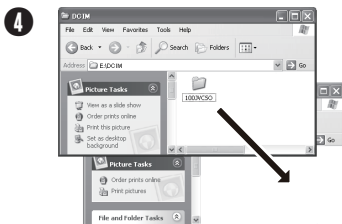
❹ **Select the folder that you want to back up, and**
drag & drop it into the folder you created in
step ❶.

• **SD_VIDEO:**
Folder that contains video files. If you want to
back up files individually, open this folder, and
drag & drop folders such as [PRG001] one by
one.

• **DCIM:**
Folder that contains still image files. If you want
to back up files individually, open this folder, and
drag & drop files such as [PIC_0001.JPG] one
by one.

NOTE

For further details on the use of folders, please refer to pg. 23.

Other PC Operations (Windows®)

Creating a DVD-Video

Using the software included, burn the scenes directly from the camera onto a DVD disc.
Preparation: • Install the software from the included CD-ROM. (☞ pg. 6)
• Connect the camera to the computer with the USB cable. (☞ pg. 9)
• Set the camera's power/mode switch to **ON**.

Burning only the newly taken scenes
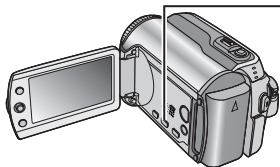
Files that have never been copied to the DVD are automatically selected from the DVD creation history and copied.

❶

On the camera:
Press [DIRECT DVD].
• A dialog box is displayed on the PC screen.
  However, you do not need to use the dialog box.
• PowerCinema starts.

❷
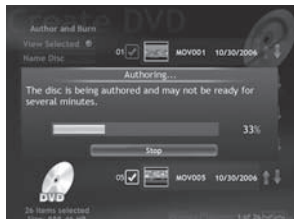
On the PC:
Authoring and burning starts.
Click [Stop] to cancel the procedure.

❸
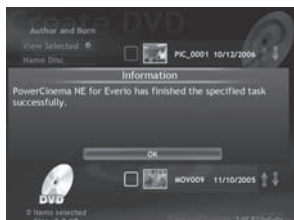
Click [OK].

NOTE

• DVD-RAM discs cannot be used. Regarding DVD-R/DVD+R discs, only unused DVD-R/DVD+R discs can be used. Regarding DVD-RW/DVD+RW discs, used DVD-RW/DVD+RW discs can also be used, but they need to be formatted before recording. Formatting a disc deletes all content recorded on the disc up until that time.
• If the number of files exceeds 98, or if the total data size exceeds 4300 MB, more than one DVD will be required.
• You may not able to play back the created DVD-Video depending on the performance of a DVD device. Also the image may stop momentarily at junctions between scenes.
• PC must be equipped a DVD drive and DVD player software to playback the created DVD-Video.

14

Selecting and burning scenes

❶

PLAYBACK ON PC
CONNECT TO DEVICE
CREATE DVD
BACK UP
DIRECT PRINT

◈SELECT ◈SET   MENU:QUIT
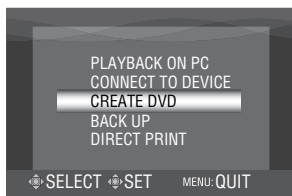
On the camera:
Move the set lever to ∧ / ∨ to select
[CREATE DVD], then press down.
• A dialog box is displayed on the PC screen.
  However, you do not need to use the dialog
  box.
• PowerCinema starts.

❷

On the PC:
Click the check box of the desired file.
The ✔ mark appears in the check box.
To select other files, repeat this step.

Click [Author and Burn].

❸
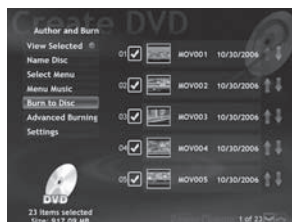
Click [Burn to Disc].
Authoring and burning starts.
Click [Stop] to cancel the procedure.

❹

Click [OK].

15
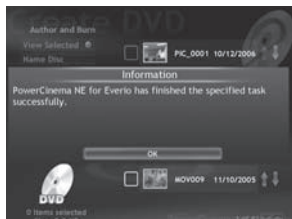
Other PC Operations (Windows®) (continued)

Getting More Use from the Software

For more information on detailed operations of the software, see the Tutorials for each software program or the User's Guides.

PowerCinema NE for Everio

❶ **Select [PowerCinema NE for Everio] from [All Programs].**

❷ **Click [Tutorial].**

PowerProducer 3 NE

❶ **Select [PowerProducer 3 NE] from [All Programs].**

❷ **Click [Readme].**

PowerDirector 5 NE Express

❶ **Select [PowerDirector 5 NE Express] from [All Programs].**

❷ **Click [User's Guide] or [Readme].**

Digital Photo Navigator 1.5

The User's Guide is included on the CD-ROM in PDF format.

❶ **Load the provided CD-ROM into the PC.**

❷ **Right-click the CD-ROM icon in [My Computer], then click [Open].**

❸ **Double-click the [DOCS] folder.**

❹ **Open the "Start.pdf" file and click the button of the desired language.**

NOTE

• You need to connect to the Internet to be able to see the Tutorial.
• Adobe® Acrobat® Reader™ or Adobe® Reader® must be installed to read PDF files.
  Adobe® Reader® can be loaded from Adobe's web site: http://www.adobe.com/

Contact us for information on the included software

Use of this software is authorized according to the terms of the software license.

JVC
When contacting the nearest JVC office or agency in your country about this software (refer to the JVC Worldwide Service Network at http://www.jvc-victor.co.jp/english/worldmap/index-e.html), please fill out the following and have the appropriate information ready.

- Product Name
- Model
- Problem
- Error Message

- PC
  Manufacturer
  Model (Desktop/Laptop)
  CPU
  OS
  Memory (MB)
  Available Hard Disk Space (MB)

Please note that it may take some time to respond to your questions, depending on their subject matter.
JVC cannot answer questions regarding basic operation of your PC, or questions regarding specifications or performance of the OS, other applications or drivers.

CyberLink
Telephone/fax support

Location	Language	Office hours (Mon. to Fri.)	Phone #	Fax #
Germany	English / German / French / Spanish / Italian / Dutch	9:00 am to 5:00 pm	+49-700-462-92375	+49-241-70525-25
Taiwan	Mandarin	9:00 am to 6:00 pm	+886-2-8667-1298 ext. 333	+886-2-8667-1300
Japan	Japanese	10:00 am to 5:00 pm	+81-3-3516-9555	+81-3-3516-9559

Paid voice support

Location	Language	Lines are open (Mon. to Fri.)	URL
U.S.A.	English	1:00 pm to 10:00 pm CST	http://www.cyberlink.com/english/cs/support/new_site/voice_support.jsp

Support web/e-mail

Language	URL/e-mail address
English	http://www.cyberlink.com/english/cs/support/new_site/support_index.html
German / French / Spanish / Italian	goCyberlink@aixtema.de
Japanese	http://jp.cyberlink.com/support/

File Backup on the PC (Macintosh)

You can back up camera files onto your computer.
The included software is not compatible with Macintosh computers.
You can edit video files, create DVDs, and perform other such operations by purchasing the Macintosh supported software.
For further information on this software, please refer to the PIXELA website.
http://www.pixela.co.jp/oem/jvc/e/index.html

System Requirements

Hardware:
Macintosh must be standard equipped with USB 2.0 connector
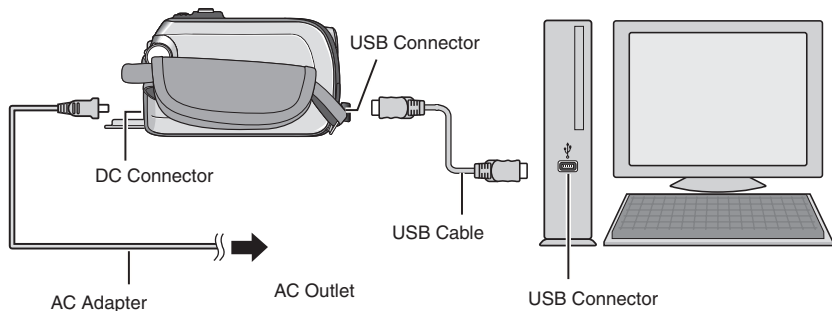
OS:
Mac OS X (v10.3.1 to v10.3.9, v10.4.2 to v10.4.8)

NOTE

In case of using the PIXELA's optional software, please refer to their system requirements.

Connecting the Camera to the PC

Preparation: Set the camera's power/mode switch to **OFF**.

USB Connector

DC Connector

USB Cable

AC Adapter

AC Outlet

USB Connector

When connection is completed

On the PC's desktop, [EVERIO_HDD]/[EVERIO_SD] icon which represents the recording medium in the camera appears. (☞ pg 23, Folder Structure and Extensions)

NOTE

• When the USB cable is connected, turning on or off the camera causes malfunctions of the PC.
• Connect the camera directly to the PC, not through the hub.
• Do not use an extension USB cable.
• Saving the wrong kinds of files in a recording medium or deleting files or folders from a recording medium can cause problems with the operation of the camera. When it is necessary to delete a file from a recording medium, delete it through the camera. Also, do not move or rename folders and files in the medium on PC.
• Never disconnect the USB cable while the access/charge lamp on the camera lights or blinks.

When you have finished operation

Always follow the procedures below when disconnecting the camera, or turning off the camera/computer power.
Failing to do so may cause damage to the camera and computer.

❶ **Drag & drop the recording medium icon on the desktop into the [Trash] icon.**
If the confirmation message appears, click [OK].

❷ **Confirm that the access/charge lamp on the camera does not light or blink.**
If the access/charge lamp lights or blinks, wait until it is turned off before proceeding.

❸ **Disconnect the USB cable.**

❹ **Turn off the camera and PC.**

File Backup on the PC (Macintosh) (continued)

File Backup on the PC

Preparation: • Connect the camera to the computer with the USB cable. (☞ pg. 18)
• Set the camera's power/mode switch to **ON**.
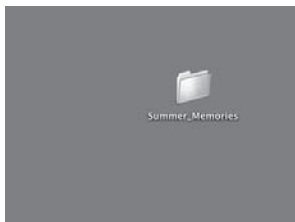
❶
Create a folder to back up files into.

❷
Double-click [EVERIO_HDD] or [EVERIO_SD].

❸
Select the folder that you want to back up, and drag & drop it into the folder you created in step ❶.

• **SD_VIDEO:**
Folder that contains video files. If you want to back up files individually, open this folder, and drag & drop folders such as [PRG001] one by one.

• **DCIM:**
Folder that contains still image files. If you want to back up files individually, open this folder, and drag & drop files such as [PIC_0001.JPG] one by one.

NOTE

For further details on the use of folders, please refer to pg. 23.

File Backup on a NAS Compatibles

No devices can be connected to a camera at the time of camera's release.
You can back up the files in the camera's HDD onto an NAS compatible external device, such as an external HDD.
You cannot back up files that are stored on an SD card.
(NAS: Network Attached Storage)

Connecting the Camera to the External Device

Preparation: Set the camera's power/mode switch to **OFF**.

USB Connector

DC Connector

USB Cable

AC Adapter   AC Outlet

USB Connector

21
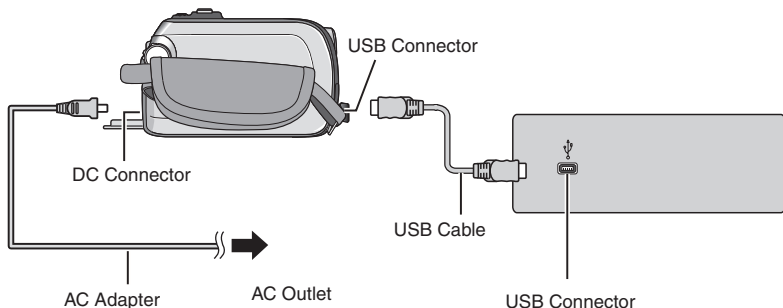
File Backup on a NAS Compatibles (continued)

File Backup on an External Device

Preparation: • Connect the camera to the external device with a USB cable. (☞ pg. 21)
• Set the camera's power/mode switch to **ON**.

❶

PLAYBACK ON PC
CONNECT TO DEVICE
CREATE DVD
BACK UP
DIRECT PRINT

⊕SELECT ⊕SET   MENU:QUIT
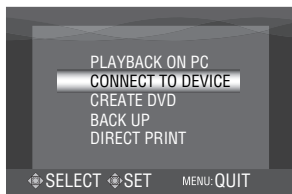
On the camera:
Move the set lever to ∧ / ∨ to select
[CONNECT TO DEVICE], then press down.

❷

Operate the external device to back up the
files.

Folder Structure and Extensions

Recording medium   **X = number**

```
— [DCIM] ······································Contains the still image folders.
      ├— [XXXJVCSO]
      ├— [XXXJVCSO]
      └— [XXXJVCSO]
              ⋮

— [SD_VIDEO] ·····························Contains the video file folders.
      ├— [MGR_INFO] ··················Management information* for the media as
      ├— [PRGXXX]                         a whole
      │      ├— [PRGXXX.PGI] ··········Management information*
      │      ├— [MOVXXX.MOD] ········Video file
      │      └— [MOVXXX.MOI] ··········Management information* for the video file
      │              ⋮
      ├— [PRGXXX]
      └— [PRGXXX]

— [EXTMOV] ·····························It may be displayed as the save destination
                                            folder for the in-store demonstration file.

— [MISC] ·································Contains folders with DPOF setting data.

— [PRIVATE] ·····························Contains management information files of
                                            event information and/or DVD creation for
                                            the files taken with the camera.
```
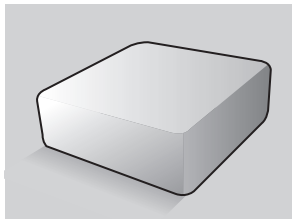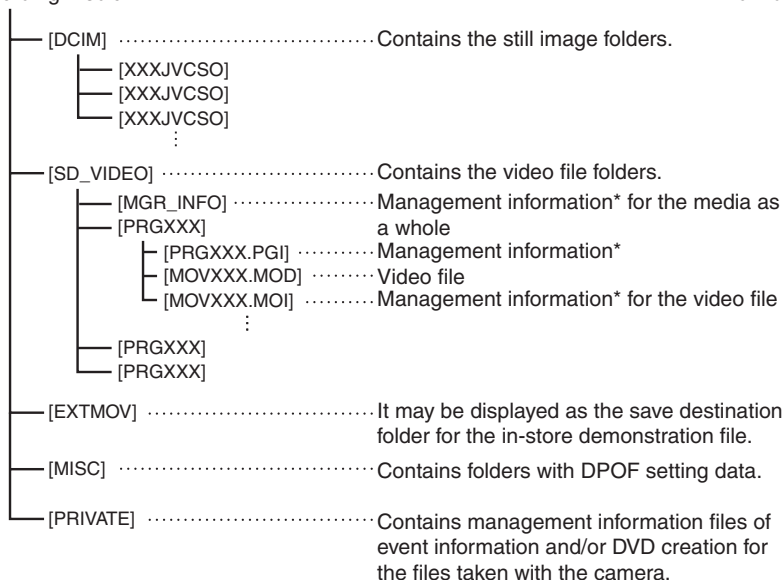
* Information such as the date and time of recording, recorded with the video file.

Extensions

Video files   : ".mod"
Still image files   : ".jpg"

The file extension may not appear depending on the [FOLDER] option setting of
Windows®.

JVC